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Areawide Waste Treatment Management Plan for the Greater Houston Area (Section 208, PL-92-500) Public Participation Summary

Houston-Galveston Area Council, TX

Prepared for

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Apr 78

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PUBLIC PARTICIPATION SUMMARY

APRIL 1978

HOUSTON-GALVESTON AREA COUNCIL

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16. Abstracts This report summarizes the public participation program developed and implemented by the Houston-Galveston Area Council (H-GAC) to embrace the intent of the Federal Water Pollution Control Act Amendments of 1972 (FWPCA). The H-GAC was designated as the planning agency responsible for Areawide Waste Treatment Management Plans for the Greater Houston Area pursuant to Section 208 of the FWPCA. The authors of the FWPCA realized that in order to ensure successful planning for and implementation of the objectives of the Clean Water Act, public participation must be an integral part of the planning and decision-making process. The Public Participation Program for the Greater Houston Area 208 Plan utilizes Federal documents describing requirements and methods for public participation and also extends into other areas of distribution, citizen education, involvement and plan review.

This report describes the Public Participation Program developed and implemented for the Greater Houston Area 208 Plan.

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PUBLIC PARTICIPATION SUMMARY

AREAWIDE WASTE TREATMENT MANAGEMENT PLAN
FOR THE
GREATER HOUSTON AREA
(Pursuant to Section 208 of Public Law 92-500)

APRIL 1978

PREPARED BY THE ENVIRONMENTAL PLANNING DIVISION
HOUSTON-GALVESTON AREA COUNCIL

HOUSTON-GALVESTON AREA COUNCIL

The Houston-Galveston Area Council (H-GAC) is a voluntary association of local governments and local elected officials in the 13-county Gulf Coast State Planning Region. Its service area encompassess the counties of Austin, Brazoria, Chambers, Colorado, Fort Bend, Galveston, Harris, Liberty, Matagorda, Montgomery, Walker, Waller, and Wharton. It is one of 24 regional councils of government in Texas and one of approximately 600 in the United States.

Organized in 1966, the H-GAC provides a forum for the discussion of areawide concerns and promotes regional cooperation through comprehensive planning and services to local governments.

Membership in the H-GAC is open to all counties, cities, independent school districts, and soil and water conservation districts situated in the 13-county service region. At the end of 1977, the H-GAC had 110 member governments--13 counties, 77 cities, 10 school districts, and 10 soil and water conservation districts.

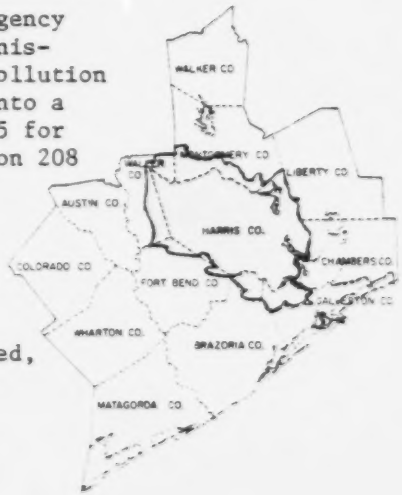
FOREWORD

In its concern for the condition of the Nation's waterways, the United States Congress enacted the Federal Water Pollution Control Act Amendments of 1972. The overall objective of this Act is "to restore and maintain the chemical, physical, and biological integrity of the nation's waters". Section 208 of the Act calls for "encouraging and facilitating the development and implementation of areawide waste treatment management plans". The Houston-Galveston Area Council has been designated by the Governor of the State of Texas as the planning agency to develop a comprehensive areawide waste treatment management plan for the Greater Houston Area pursuant to the requirements of Section 208 of the Federal Water Pollution Control Act Amendments.

The designated planning area covered by the Greater Houston Area 208 Planning Program includes all of Harris County and portions of Brazoria, Fort Bend, Galveston, Montgomery, and Waller Counties.

The United States Environmental Protection Agency was charged with the responsibility for administrating and implementing the Federal Water Pollution Control Act Amendments. The H-GAC entered into a grant agreement with the EPA on June 19, 1975 for 100% Federal funding of the $1,798,000 Section 208 planning funds.

This report summarizes the public participation program developed and implemented to embrace the intent of the Act, as it states, "public participation . . . shall be provided for, encouraged, and assisted . . ."



DESIGNATED 208 AREA

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INTRODUCTION

The authors of the Federal Water Pollution Control Act Amendments realized that in order to ensure successful planning for and implementation of the objectives of the Act, public participation must be an integral part of the planning and decision-making process. In the Declaration of Goals and Policy, Congress clearly stated that

> "Public participation in the development, revision, and enforcement of any regulation, standard, effluent limitation, plan, or program established by the Administrator or any State under this Act shall be provided for, encouraged, and assisted by the Administrator and the States. The Administrator, in cooperation with the States, shall develop and publish regulations specifying minimum guidelines for public participation in such processes."

The United States Environmental Protection Agency (EPA) was charged with the responsibility for administrating and implementing the Federal Water Pollution Control Act Amendments. For the State of Texas, the Governor is the chief planning officer with general and specific responsibility for providing coordination among planning activities conducted at all levels of State and local government. The Governor designated the Texas Water Quality Board as the State Reviewing Agency for planning performed under Section 208 of the Act. The EPA and the Texas Water Quality Board developed regulations specifying the minimum guidelines for public participation for Section 208 planning programs. On September 1, 1977, the Texas Water Quality Board consolidated with the Texas Water Development Board and the Texas Water Rights Commission for form the Texas Department of Water Resources (TDWR) under the provisions of the Texas Water Code. The newly-created TDWR has assumed State review functions relating to Section 208 planning programs.

The requirements and methods for public participation as developed by the administrating agencies are defined in a variety of publications, the most definitive of which are the Federal Regulations of Public Participation in Water Pollution Control (40 CFR, Part 105), the Guidelines For Areawide Waste Treatment Management Planning, United States Environmental Protection Agency, August 1975 and State Guidelines for the Preparation of Areawide Waste Treatment Management Plans Pursuant to Section 208 (a)(2) of the Federal Water Pollution Control Act Amendments of 1972, the Texas Water Quality Board, June 1975. Other documents equally important in program development include the Governor's "Executive Order No. 18

Relating to Federal Water Pollution Control Act Amendments of 1972", and the "Houston-Galveston Area Council Areawide Waste Treatment Management Planning Program Application for Funding", May 1975.

The utilization of these documents has led to the development of the Public Participation Program for the Greater Houston Area 208 Planning Program. However, the program also extends into other areas of information distribution, citizen education and involvement, and plan review in order to embrace the intent of the public participation process as well as its requirements. The Public Participation Program developed for the Greater Houston Area 208 Planning Program is described in Chapter IV of the Project Design Report for the Areawide Waste Treatment Management Plan for the Greater Houston Area.

The Public Participation Program provides for citizen input and involvement throughout the planning and decision-making process. Active citizen involvement was sought through the use of advisory committees having a definitive review and input function. Specific activities were directed toward the production and review of key plan outputs, such as the establishment of goals and objectives for consideration in the planning process; preparation of technical and management alternatives, implementation requirements, and impact assessment; and acceptance of the final plan.

Concurrently, an on-going citizen education process was established to increase public awareness of water quality problems and the goals of the 208 program, and to encourage a more active participation and involvement in the planning process. All activities were designed to culminate in a plan that was not only acceptable to the public, but responsive to all forms of citizen input in every stage of the decision-making process.

With this strategy in mind, the Public Participation Program was designed to facilitate three major program activities: advisory committee activities, citizen involvement activities, and plan approval.

CHAPTER I - LOCAL REVIEW AND APPROVAL PROCESS

An important philosophy in the development of the Greater Houston Area 208 Plan has been to involve all interested segments of the public. It was felt that an "acceptable" plan would need to be openly developed, subject to extensive review, and be understood by lay citizens and elected officials. Final local action on the plan is the responsibility of the H-GAC Executive Committee. In making plan decisions, the Executive Committee has been assisted by a formal advisory committee structure as well as records of public hearings.

H-GAC Executive Committee

The Executive Committee is the governing board of the Houston-Galveston Area Council. It provides policy guidance and decision-making, control over the expenditure of funds, and appraisal of work programs through the leadership of the President, Vice President, and Secretary-Treasurer. It is currently composed of 27 local elected officials who represent counties, cities, school districts, and soil and water conservation districts. It meets monthly, usually on the third Tuesday. A list of Executive Committee members can be found in Appendix A-1. Additionally, the Executive Committee holds a series of Small City Seminars and and Annual Workshop, at which time the 208 water quality management planning program has been addressed in detail.

All 208 planning documents and recommendations have been approved by the Executive Committee prior to final submittal to the Texas Department of Water Resources and the Environmental Protection Agency. The Executive Committee, therefore, is the local body with final plan approval authority. All local comments and advisory committee recommendations have been submitted to the H-GAC Executive Committee.

During each monthly meeting, the Executive Committee received a status report on 208 planning activities, both current and upcoming. Subject matter for Committee action was presented at least one month prior to the decision date. Additionally, during the three-year planning period, 12 specific 208 presentations have been made to the Committee.

EXECUTIVE COMMITTEE PRESENTATIONS

October 21, 1975	208 Planning in Region VI by John White, EPA Regional Administrator
March 16, 1976	Population and Land Use Methodology
April 20, 1976	Population and Land Use Preliminary Results and Presentation of Draft Report
May 18, 1976	Population and Land Use Public Hearing Results
November 3, 4, and 5, 1976	* 208 Workplan for 1977
June 21, 1977	League of Women Voters of Houston Slide Show, "Tomorrow's Water"
August 16, 1977	Broad Management Options
November 2, 3, and 4, 1977	* Management and Technical Alternatives and Staff Recommendations
December 20, 1977	Alternatives and Recommendations Summary Draft Report and Major Findings and Recommendations
January 17, 1978	Alternatives and Recommendations Summary Report
February 21, 1978	Results of Alternatives and Recomendations Summary Report Public Hearings
March 21, 1978	Areawide Waste Treatment Management Plan Summary

* Executive Committee Annual Workshop

During the 1976 and 1977 Small Cities Seminars hosted by the Executive Committee, participants, many of whom were local elected officials, were presented the highlights of the Section 208 water quality management program to date.

As the governing body of the H-GAC, the Executive Committee has final approval of all planning documents and recommendations before final submittal to the State. On June 15, 1976, the Committee approved the submittal of the Interim Population and Land Use Report for

State certification. On February 21, 1978, the Alternative Technical Subplans, Alternative Management Systems, Initial Plan Recommendations, and related Public Record were also approved for submittal to the State. On April 18, 1978, the Committee approved the Areawide Waste Treatment Management Plan, Implementation Requirements, the related Impact Assessment, and the Public Record for submittal to the State for certification.

Advisory Committees

In order to assure the maximum exchange of information and opinion between the affected units of local government, the general public, special interest groups and the planning agency, structured advisory committees have been developed. The advisory committees serve as a sounding board, reviewing and offering "advice" on the work plan and task progress. Advisory committees also

- Offer contrasting points of view
- Provide a forum for the resolution of conflicts
- Help ensure that community goals are addressed in the plan
- Provide additional technical and professional skills
- Provide a "layman's" point of view
- Provide for representation of many different interests throughout the planning process
- Broaden the planning agency's view of issues
- Monitor the planning on behalf of the agency's governing body
- Serve as a channel for communication
- Become actively involved in ensuring plan implementation by providing a broad base of plan support

The Greater Houston Area 208 advisory committees have served many functions in plan development and implementation. Among the many tasks undertaken by the advisory committees have been

- Assistance in program design
- Review and comment on budgetary concerns
- Setting of planning priorities
- Development of local goals and objectives for program guidance
- Review of technical data and analyses
- Resolution of conflicts among various interests
- Assistance in planning, hosting, and participating in public meetings, workshops and hearings
- Assistance in educating the public about 208 planning and programs
- Review and comment on interim planning outputs

- Assistance to agency Staff in reaching local opinion leaders
- Review and make recommendations on alternative plans
- Make recommendations to the agency's governing body
- Advise Staff on environmental and social assessment
- Advise Staff on political acceptability of plan recommendations
- Take an active role in plan implementation

The most important role played by the 208 advisory committees has been one of a forum for public participation. Citizen involvement and input has been sought and has succeeded in becoming a valuable input throughout the entire structured network of the process.

Direct citizen access has been afforded from the Staff level, through each advisory committee, as well as to the elected officials. The local acceptance of plan alternatives and recommendations has shown that the public participation program facilitated a completely open process, and has afforded citizens the opportunity to develop a local water quality management plan.

Title 40 Code of Federal Regulations Part 130.14(c) states that ". . . a policy advisory committee shall be established to advise the responsible planning or implementing agency during the development and implementation of the plan on broad policy matters, including the fiscal, economic, and social impacts of the plan . . ." Although a policy advisory committee is required by Federal regulations, the H-GAC chose to enlist the additional aid of technical and citizens advisory committees. The utilization of these three committees has served to broaden the base of public representation on the 208 advisory committees as well as serving to maximize the citizen input process. These three committees are the Areawide Planning Advisory Committee, the Technical Advisory Committee, and the Citizens Advisory Group. The Citizens Advisory Group and the Technical Advisory Committee provide a "layman's" and a "technician's" viewpoint respectively, while the Areawide Planning Advisory Committee provides a local perspective to the Governor and serves as a link between the program and the governing body, the H-GAC Executive Committee.

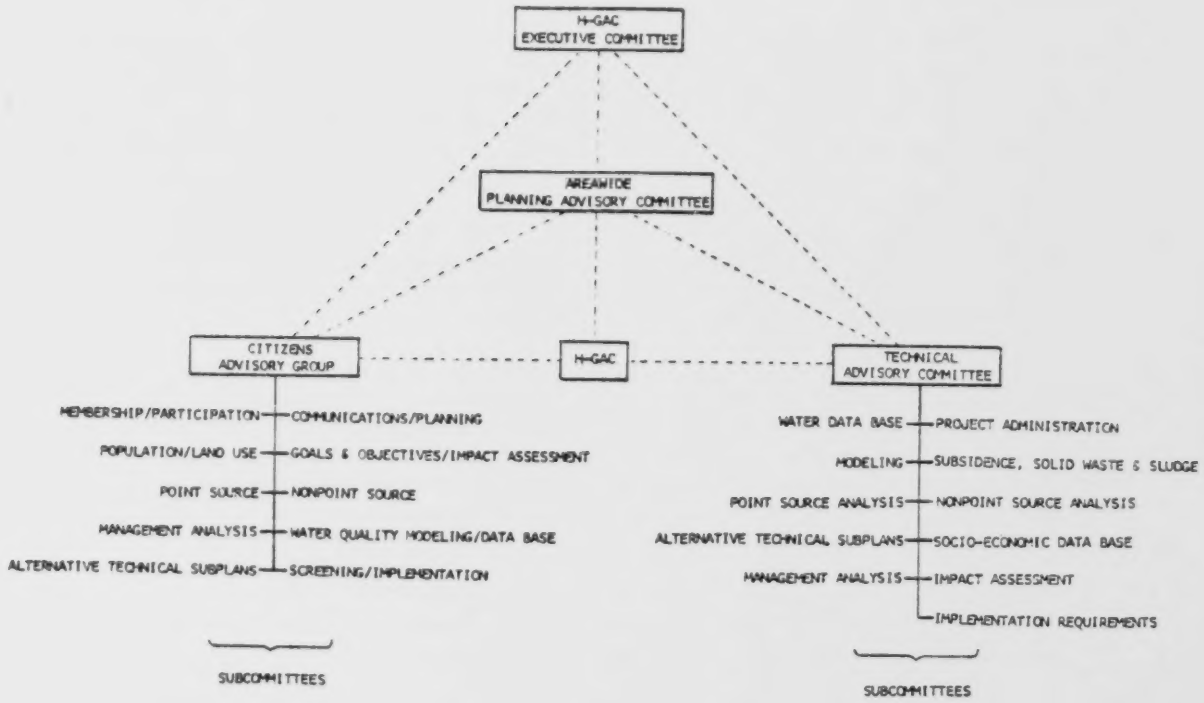
Figure I-1 illustrates the advisory committee structure utilized in the Greater Houston Area 208 Program.

Areawide Planning Advisory Committee

Title 40 Code of Federal Regulations Part 130.14(c) calls for the establishment of a policy advisory committee. The Areawide Planning Advisory Committee (APAC) for the Greater Houston Area 208 Program was established by the Governor's Executive Order No. 18, and was formally appointed in November of 1975. The APAC is currently

FIGURE I-1

ADVISORY COMMITTEE STRUCTURE



composed of 34 voting members representing key local governments and authorities, the Texas Department of Water Resources, industrial concerns, the private sector, water districts, and citizen interests. Title 40 Code of Federal Regulations Part 130.16(d) states that "The policy advisory committee for designated areawide planning areas shall include representatives of the U. S. Departments of Agriculture, Army, and the Interior . . ." For the Greater Houston Areawide Planning Advisory Committee, this representation includes members of the USDA Soil Conservation Service and the U. S. Army Corps of Engineers. The third member, representing the U. S. Department of the Interior, chose not to serve. A list of Areawide Planning Advisory Committee Members can be found in Appendix A-1.

The Areawide Planning Advisory Committee has clearly been the focus of the public participation process. The Committee has been responsible for reviewing all planning policies and plan outputs. It has served as a forum for receiving comments from the other 208 advisory committees. All Technical Advisory Committee and Citizens

Advisory Group comments and recommendations were received by the APAC prior to making its recommendations. A Citizens Advisory Group Activity Report was a monthly meeting agenda item, and a Technical Advisory Committee Meeting Report was scheduled where appropriate.

Additionally, the Committee served as a forum for receiving comments from local governments and the public-at-large. It was apprised of workshop and public hearing results, public records, written submittals, survey results, and formal and informal communications received by H-GAC.

Comments and recommendations of the APAC were incorporated, where possible, prior to all formal actions. All plan outputs were approved by the Committee either for formal submission to the H-GAC Executive Committee, or for inclusion as a data base for on-going plan activities.

The APAC formulated its own bylaws and operating procedures, and conducted its own meetings with Staff guidance. The Committee has met on a monthly basis, and, near program completion, met twice a month. Meeting topics selected were appropriate for the planning phase currently underway, with the Committee Chairman having final approval of meeting agendas. The Committee selected a meeting time to allow for maximum involvement of all participants.

The Committee also served as a forum for public discussion, by operating in an informal, open manner. All meetings were posted in accordance with the Texas Open Meetings Law, Article 6252-17, and all committee materials were made available to the public upon request. Audience participants were recognized and participated in meeting discussions.

Committee members served an important liaison and educational role with the general public and the contituencies they represented by making numerous presentations to the general public as well as to their own affiliated groups. Committee members also assisted the H-GAC in making group presentations, media presentations, and in providing assistance at various public meetings and workshops.

The table below lists some of the major actions taken by the Areawide Planning Advisory Committee throughout program development.

AREAWIDE PLANNING ADVISORY COMMITTEE
MAJOR ACTIONS

February 24, 1976 - Adopted the Project Design Report for the Areawide Waste Treatment Planning Program

February 24, 1976	- Passed a Resolution recognizing the organization and creation of the Citizens Advisory Group
May 7, 1976	- Participated in prioritization of Required 208 Program Outputs
May 25, 1976	- Passed a Resolution requesting additional funding from the EPA for the 208 Program - Endorsed the Interim Population and Land Use forecasts with the reservation that they be updated periodically - Recommended the deletion of the Lake Houston Study from the 208 Program due to insufficient funds
July 27, 1976	- Recommended the deletion of the Dynamic Modeling Activity from the 208 Program and accepted Staff Reallocation of Program Funds
October 26, 1976	- Approved Subsidence Report, and Conditionally Approved the Solid Waste Site Survey and Report - Accepted the citizens' goals and objectives for consideration in the planning process - Appointed a Public Participation Subcommittee
November 23, 1976	- Reviewed "How Clean Do You Want Your Streams?" Report and Public Workshops format
February 22, 1977	- Accepted Evaluation Criteria for the Management Analysis Activity - Accepted Alternative Water Quality Standards resulting from "How Clean Do You Want Your Streams?" Workshops and Technical Advisory Committee review and input
March 22, 1977	- Accepted Reallocation of Program Funds, based on Technical Advisory Committee review and input
May 24, 1977	- Accepted Nonpoint Source Analysis Outputs for transmittal to Alternative Technical Subplans Consultant
June 28, 1977	- Reviewed Current Wastewater Management Report - Accepted Control Strategies, Costs and Impacts for Point Sources Report and Water Use Plans and Demand Projections Report for transmittal to Alternative Technical Subplans Consultant - Reviewed Schedule For Program Completion
July 26, 1977	- Accepted Program Expenditure and Revised Budget - Reviewed Management Assessment Report and Broad Management Options - Recommended that the development of management alternatives proceed with more emphasis on local and regional concepts - Accepted Point Source Problem Area Identification Report
August 23, 1977	- Reviewed Revised Schedule for Program Completion - Reviewed Management Alternatives

August 23, 1977	- Reviewed Alternative Technical Subplans for Lake Houston Subbasin
	- Reviewed Non-Structural Control Strategies for Nonpoint Sources of Pollution
September 27, 1977	- Reviewed Alternative Management Systems
October 25, 1977	- Reviewed Alternative Technical Subplans for Clear Lake Subbasin
	- Reviewed Staff Recommendation for the Preferred Management System
	- Recommended the Water Quality Advisory Council Concept to the H-GAC Executive Committee
November 22, 1977	- Reviewed Alternative Technical Subplans for Houston Ship Channel Subbasin and Treatment Cost Methodology
December 20, 1977	- Reviewed Alternatives/Recommendations Summary Report
February 16, 1978	- Reviewed Results of Alternatives and Recommendations Public Hearings, Passed a Resolution Recommending H-GAC Executive Committee Approval of Alternatives and Initial Recommendations, and Made Recommendations Based on Public Hearing Testimony
	- Appointed Water Quality Council Task Force to outline specifics of the Water Quality Council
February 28, 1978	- Reviewed Impact Assessment
March 20, 1978	- Reviewed Plan Summary, Areawide Waste Treatment Management Plan
March 28, 1978	- Reviewed Implementation Requirements
April 14, 1978	- Reviewed results of Areawide Waste Treatment Management Plan and related Impact Assessment Public Hearings, and Passed a Resolution Recommending Approval of the Plan to the H-GAC Executive Committee

Technical Advisory Committee

The Technical Advisory Committee (TAC) for the Greater Houston Area 208 Program was formally established in October of 1975 by the H-GAC Executive Committee. The TAC is currently composed of 12 members representing key local governments and authorities, industrial concerns, water districts, the academic community, and citizen interests. A list of Technical Advisory Committee Members can be found in Appendix A-1.

As a subcommittee of the Areawide Planning Advisory Committee, the TAC was charged with the technical analysis of 208 planning elements and recommendations concerning plan development. The Committee also reviewed proposed scopes of work and methodologies for each of the

various work packages, and monitored task progress. The Committee made recommendations to the Areawide Planning Advisory Committee concerning the adequacy of all technical planning efforts.

Subcommittees were used extensively, and were organized to coincide with program elements to maximize plan output review. After subcommittee review, comments and recommendations were made to the full Committee. For a list of TAC Subcommittees, refer to Figure I-1, "Advisory Committee Structure".

The TAC and its subcommittees met on an ad hoc basis, correlating with the various work elements of the plan. All meetings were open to the public, and all Committee materials were made available upon request. All materials presented for TAC subcommittee review were also forwarded to the Citizens Advisory Group Subcommittee Chairpersons whose subcommittees were similarly organized by program element. Citizens were invited to participate in meeting discussions, and the Citizens Advisory Group appointed a representative to each TAC subcommittee.

TAC members assisted the H-GAC in making group presentations, media presentations, and in providing assistance at various public meetings and workshops.

Citizens Advisory Group

The Citizens Advisory Group (CAG) for the Greater Houston Area 208 Program is an open-membership group which was established to provide a forum for all citizens interested in water quality, and more specifically, in the Greater Houston Area 208 Program. The CAG was formed from an ad hoc committee of interested citizens following an H-GAC workshop on water quality held in December of 1975. The ad hoc committee was designated the official Citizens Advisory Group in February of 1976 by the Areawide Planning Advisory Committee. The initial CAG has expanded from some 38 members to a current membership of 123 active participants.

The CAG provided review and comment on the work plan and task progress. The Group was also responsible for drafting a slate of locally desired goals and objectives for consideration in the 208 planning process. The CAG worked directly with the H-GAC Staff and Technical Advisory Committee, providing comments and recommendations on 208 plan elements. The CAG made monthly activity reports to the Areawide Planning Advisory Committee, as well as presenting the Committee all CAG recommendations. The Group also contacted other public groups, interested individuals, and governmental officials who wished to be kept informed about the 208 Program.

The CAG reviewed plan outputs from the perspective of the lay-citizen's point of view, evaluating each with an eye towards the attainment of the national goal of "fishable/swimmable" waters, and the attainment of local citizens' goals and objectives. However, one of the most active and successful roles of the CAG, was in actively seeking to inform, educate, and involve the public in water quality concerns.

Many CAG activities greatly enhanced the 208 public participation process. The Citizens Advisory Group

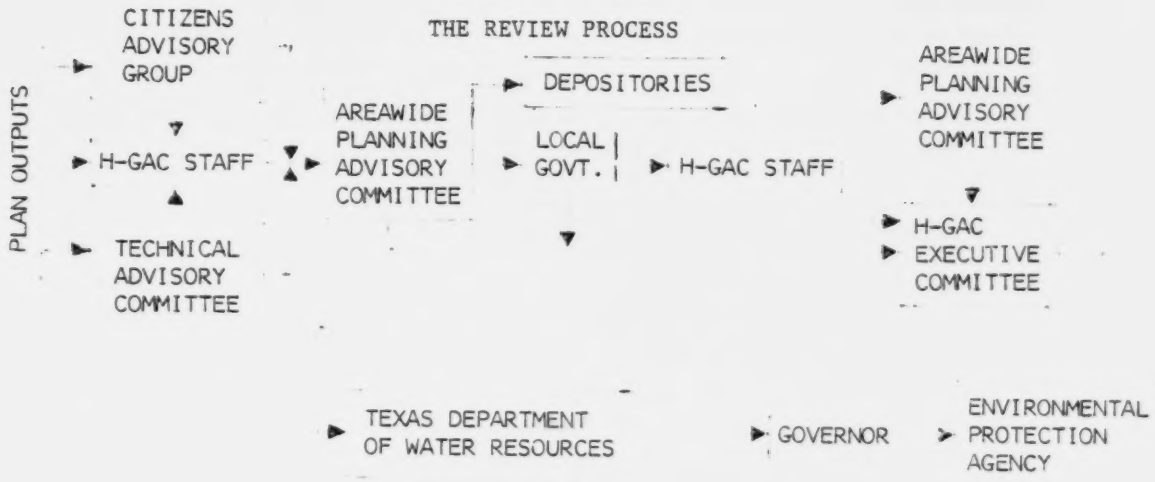
- Actively sought to broaden its membership throughout the planning program
- Aided in the expansion of the 208 mailing lists
- Refined the citizens' objectives statemens, developed goals from the objectives statements, and aided in the prioritization of the goals and objectives statements
- Assisted in the prioritization of required 208 program outputs
- Actively pursued and obtained media coverage
- Initiated and participated in radio and television programs
- Aided in the preparation of brochures and newsletters
- Aided in the distribution of 208 brochures and flyers
- Aided in the development of special meetings, events, and workshops
- Utilized formal and informal communication techniques to gain attendance at citizen meetings, workshops, and hearings
- Provided mechanisms to keep the general public informed about 208 activities
- Featured presentations by outside speakers at regular CAG meetings
- Initiated tours and field trips
- Maintained contact with other citizen's groups and organizations, governmental officials, other 208 advisory committee members, and interested individuals
- Initiated and assisted in making presentations to various organizations
- Sponsored a booth at Jacques Cousteau Involvement Day

For more detail concerning Citizens Advisory Group activities, refer to the CAG Activity Report, December 1976 in Appendix A-2, and the CAG Activity Report, January through August 1977 in Appendix A-6.

The Review Process

The acceptability of the Greater Houston Area 208 Plan depends on the active involvement of all advisory committees, affected units of local government and authorities, and the general public. A structured review process was established to facilitate the maximum

FIGURE I-2



exchange of information and opinion between these policy-makers and the planning agency. This extensive review process has enhanced the development of local solutions to local water quality problems.

During the planning process, plan outputs have been developed that were utilized in the development of the final plan. Each plan output went through the review process as delineated in Figure I-2 above. It is important to note that at any stage in the review process, plan outputs could come back to the H-GAC Staff for changes based on comments received by the reviewing bodies before a continuation to the next phase of the review process; this, in fact, occurred in many instances.

Each plan output was submitted to the Citizens Advisory Group and the Technical Advisory Committee for review and comment. The comments made by these two groups were submitted to the H-GAC Staff for inclusion in the plan report. The plan report was then submitted to the Areawide Planning Advisory Committee for its review.

After review by the Areawide Planning Advisory Committee, the plan report was forwarded to the H-GAC Executive Committee for its preliminary review. Following this step, the plan report was also forwarded to the network of local depositories for citizen review, and to the governing bodies of local governments and authorities having responsibility for, or which would be directly affected by, plan implementation. Local government and authority comments were forwarded to the Areawide Planning Advisory Committee through the H-GAC Staff.

Plan reports receiving State certification have gone through the same review process, with the additional steps as outlined below. The certifiable plan reports developed for the Greater Houston Area 208 Program are:

Population and Land Use, Interim Report, April 1976
Alternative Management Systems, November 1977
Alternative Technical Subplans, December 1977
Impact Assessment, March 1978
Implementation Requirements, April 1978

The Areawide Planning Advisory Committee utilized the comments received from local governments and authorities and the general public, either through public hearing testimony or written submittals, to make final recommendations to the H-GAC Executive Committee. The Executive Committee considered the recommendations of the Areawide Planning Advisory Committee, local government and authority comments, and public hearing testimony in determining the acceptability of certifiable plan reports. After acceptance of certifiable plan reports by the Executive Committee, the reports were submitted to the State for certification.

The Texas Department of Water Resources reviews the plan reports, and submits recommendations concerning certification to the Governor. After certifying the plan report, the Governor submits the final document to the Regional Administrator of the Environmental Protection Agency.

CHAPTER II - CITIZEN INVOLVEMENT ACTIVITIES

"You people have already contacted more special interest groups, more governmental agencies within this area than anyone else has done to date" - Citizen Participant, February 2, 1978 Pre-Hearing Conference

"Public Participation should be continued at its current level--I say at its current level, because I don't know how you could get much more public participation in the plan" - Dr. Jack Matson, TAC Member, February 9, 1978 Public Hearing

"I think citizen participation for this 208 planning cycle has been probably a very high point of the planning process. I do not know of any other planning process which has been so open to citizens' inputs" - Ray Runnels, CAG Chairman, February 9, 1978 Public Hearing

"I feel like one really important thing that we saw in this 208 planning was the ability to work with organizations, such as the H-GAC, in having very open rapport with the organization. . . Other 208 planning groups have not been anywhere as positive as I feel the Houston planning has been. I think it is very important to recognize that it could be a good prototype for citizen input to other planning areas" - Sue Moreland, State Officer of the Sierra Club, February 9, 1978 Public Hearing

These unsolicited comments adequately describe the goal of citizen involvement activities. In addition to the structured review and comment functions provided by the 208 advisory committees, an on-going citizen education process was established to increase public awareness of water quality problems and the goals of the 208 program, and to encourage a more active participation and involvement in the planning process. All activities were designed to culminate in a plan that was not only acceptable to the public, but responsive to all forms of citizen input in every stage of the decision-making process.

With this strategy in mind, the Citizen Involvement Activities designed were 1) Utilization of Informational Materials, 2) Assistance to Public, 3) Consultation, 4) Notification, and 5) Access to Information.

Utilization of Informational Materials

Informational materials were developed or obtained to augment the dissemination of program information. The H-GAC newsletter, "Spectrum", circulation of nearly 4,000, was utilized extensively. During the three-year planning program, 12 specific 208 articles were featured, and 208 meetings and activities were announced monthly. The H-GAC also contracted with the Citizen's Environmental Coalition and the League of Women Voters of Houston to develop and disseminate newsletters written in layman's terms on program progress, results, findings, and recommendations. Each newsletter announced upcoming meetings and activities. The Citizen's Environmental Coalition produced three newsletters, and the League of Women Voters produced four newsletters. At various times in the program, other organization newsletters featured 208 articles.

Brochures, pamphlets, and information articles were developed or obtained for public dissemination. Various brochures on 208 and water quality planning were obtained from the Environmental Protection Agency, the Texas Water Quality Board, the League of Women Voters, the Texas Coastal Marine Council, the City of Houston Health Department, and the Harris County Pollution Control Department. The H-GAC developed a brochure, "Planning For Clean Water" addressing the 208 Program on the local level.

The H-GAC also developed three summary reports designed to facilitate citizen education and involvement in the planning process. "How Clean Do You Want Your Streams?", December 1976, was designed to aid the public in the selection of water quality planning standards for use in the 208 program. A series of four areawide workshops were held to ascertain community goals and preferred water uses. The report was revised and reprinted in May 1977 to reflect the alternative water quality standards derived from the workshops. "Summary Report, Areawide Waste Treatment Management Plan For The Greater Houston Area", December 1977 was designed to summarize the major program findings, alternatives, and recommendations to facilitate public input. The report was the subject of four areawide hearings in February of 1978. "Areawide Waste Treatment Management Plan For The Greater Houston Area, Summary Report", March 1978, presented a summary of the initial plan recommendations, reflecting citizen recommendations from the earlier public hearings; the report also presented a summary of the Impact Assessment and Implementation Requirements Reports. This report, subject of the final public hearing, was deisgned to facilitate public understanding of the initial plan recommendations.

Several slide programs were obtained from the Environmental Protection Agency, the Texas Water Quality Board, and the Water Pollution Control Federation for use in making presentations. The

League of Women Voters of Houston developed an excellent slide program, funded by an EPA grant, explaining the local 208 program and the planning process. All slide programs were widely utilized as informational materials and greatly enhanced the public education process.

All information developed in conjunction with this activity was disseminated through the use of established media contacts, extensive mailing lists, and a network of some 51 areawide depositories.

Assistance to Public

Technical and informational assistance to individuals, groups, and elected officials has been provided throughout the planning process. All informational materials, plan reports and documents were available to any individual so requesting.

Presentations to service and civic organizations, educational institutions, citizens' groups, and governmental entities were an effective mechanism for generating informal discussion on the planning program as well as serving to educate and inform the public on water quality concerns. The H-GAC Staff, 208 Advisory Committee Members, and Executive Committee Members made approximately 87 such presentations during the initial planning phase. Reference Appendix B-1, "Public Participation Meetings/Activities" for a list of the various presentations.

Assistance to the public was also enhanced by the various media programs utilized. H-GAC Staff and Advisory Committee Members participated in approximately 19 radio and television programs. Additionally, an approximate 74 informational articles have been published in areawide newspapers and magazines.

Consultation

In addition to the regularly scheduled advisory committee meetings and Inter-agency Coordination meetings, a series of workshops and public hearings were scheduled at appropriate intervals during the planning process. These activities provided the opportunity for consultation and the exchange of information and opinion with interested persons and organizations prior to decision-making on significant program actions, as well as serving to generate public awareness of water quality concerns, problems, and proposed solutions. These activities were widely announced utilizing media coverage and mailing list distribution.

Thirteen specific workshops were held during program development.

Water Quality Workshops. Two Water Quality Workshops were held on December 6 and 13, 1975 to discuss the preparation of the Areawide Waste Treatment Management Plan For The Greater Houston Area. The first workshop provided general introductory information on the Section 208 Program (Participants - 46). The second workshop provided specific information on 208 Public Participation Activities (Participants - 37).

Goals and Objectives Workshops. Four Goals and Objectives Workshops were held on March 13, March 18, April 8, and April 15, 1976 to establish areawide goals and objectives for water quality management planning (Participants - 67). The first workshop was held to 1) introduce the process, 2) have participants list objectives, 3) edit objectives for duplication, and 4) feedback all objectives. The second workshop was held to 1) discuss listed objectives, 2) make changes, additions, and deletions, 3) feedback results of changes, additions, and deletions, and 4) group the statements. The third workshop was held to 1) discuss the groupings, 2) give each group a descriptor, and 3) make changes, additions, and deletions to groups. The fourth workshop was held to 1) discuss changes in groups, and 2) expand group names into goals statements.

Population/Land Use Workshop. A Population and Land Use Workshop was held on April 29, 1976 to discuss the Interim Population and Land Use Report, development methodology and results, and to answer questions prior to public hearing (Participants - 16).

Water Quality Standards Workshops. Four areawide workshops, with the theme, "How Clean Do You Want Your Streams?", were held throughout the Greater Houston 208 Area to discuss public desires for clean water in area streams in order to determine the range of water quality that should be studied in the 208 program. The first workshop was held in the Clear Lake Subbasin on January 25, 1977 (Participants - 42). The second workshop was held in the Houston Ship Channel Subbasin on January 26, 1977 (Participants - 29). The third workshop was held in the Lake Houston Subbasin on January 27, 1977 (Participants 25). The fourth workshop was held at the H-GAC Offices on January 29, 1977, covering the entire geographical area, and providing feedback from the prior workshops (Participants - 43).

Pre-Hearing Conferences. Two Pre-Hearing Conferences were held on February 2 and 4, 1978 to discuss the Alternatives and Recommendations Summary Report and to answer individual questions (Participants - 51).

Six public hearings were held during the program to receive testimony regarding plan development.

Population/Land Use Public Hearing. A Public Hearing was held on May 13, 1976 to receive comments, suggestions and recommendations on the population and land use process, assumptions, and resultant projections (Participants - 36, Testimonies -3). Additional written submittals were made part of the Public Record.

Alternatives and Recommendations Public Hearings. Four areawide Public Hearings were held February 7, 8, and 9, 1978 to receive testimony concerning the results and recommendations of the Areawide Waste Treatment Management Plan For The Greater Houston Area. The first Public Hearing was held in the Lake Houston Subbasin on February 7, 1978 (Participants - 43, Testimonies - 9). The second Public Hearing was held in the Clear Lake Subbasin on February 8, 1978 (Participants - 40, Testimonies - 7). The third Public Hearing was ehld in the Houston Ship Channel Subbasin on February 9, 1978, 2:00 p.m. (Participants - 53, Testimonies - 11). The fourth Public Hearing was held at the H-GAC Offices on February 9, 1978, 7:00 p.m., covering the entire geographical area (Participants - 36, Testimonies - 10).

Areawide Waste Treatment Management Plan Public Hearing. A Public Hearing was held on April 12, 1978 to receive testimony regarding the Areawide Waste Treatment Management Plan For The Greater Houston Area and related Impact Assessment (Participants - 98, Testimonies - 32). Additional written comments were received and made part of the Public Record.

Notification

Mailing lists of interested persons and organizations were developed and maintained to facilitate the distribution of informational materials, notices of meetings, workshops and hearings, and announcements of the availability of documents and reports. A mailing list was established in September of 1975 consisting of 350 names of individuals and organizations interested in environmental matters. Any individual or organization expressing an interest in the 208 Program, by requesting materials, attending public events, or responding to spot announcements or news releases, or citizen response forms and cards included in brochures, reports and documents, were added to the lists. As of March 1978, the mailing lists contained 2,203 names of interested citizens and organizations, elected officials, and key local agencies and entities.

News releases were utilized to notify the public of upcoming activities, meetings, workshops, hearings, and the availability of documents and reports. In addition to news releases, legal notice of all public hearings was posted in area newspapers.

Access to Information

All reports, informational materials, and public documents were available from the H-GAC as well as from the 51 area depositories.* Additionally, an extensive complimentary copies list was maintained for all 208 advisory committee mailout materials. An Environmental Library has been established for specific environmental topics, and all Environmental Planning Division files are open for public inspection during regular business hours. All 208-related materials have been provided free-of-charge to the public.

Special Events

In addition to these specific citizen involvement activities, several special events were also scheduled. Through special arrangements with the Environmental Protection Agency, H-GAC sponsored a visit by the Izaak Walton League's Water Wagon at four area streams to promote water quality awareness. The agency also sponsored a joint conference with the Bureau of Outdoor Recreation to promote the coordination of water clean-up efforts with park and recreational needs. The Citizens Advisory Group sponsored 7 educational field trips and tours, as well as sponsoring an exhibit on the 208 Program during Houston's Jacques Cousteau Involvement Day.

* Number does not include branches served

CHAPTER III - PLAN APPROVAL

To assure final acceptance of the Greater Houston Area 208 Plan, it was submitted to a comprehensive review process. The process began in the fall of 1977 with the development of Alternative Technical Subplans and Alternative Management Systems. Utilizing extensive advisory committee review, preferred alternatives were developed into specific recommendations. These recommendations were presented to the H-GAC Executive Committee during its November 2-4, 1977 Annual Workshop. Staff began preparing the document, "Summary Report, Areawide Waste Treatment Management Plan For The Greater Houston Area", December 1977 to receive public input on the plan findings, alternatives, and initial recommendations.

The report was submitted to the review process as described in Chapter I of this report. Advisory committee input was incorporated, as the report was readied for public hearing. Additional background material was added to the report to enable citizens who had not actively followed the 208 Program during its development to give informed input on plan recommendations. News releases on the general findings, alternatives, and initial recommendations were distributed inviting public comment. A similar article was published in H-GAC's "Spectrum" newsletter, also inviting public comment. A notice announcing the report's availability was distributed to all persons and organizations on the 208 mailing lists, and two Pre-Hearing Conferences were scheduled to answer questions resulting from review of the report.

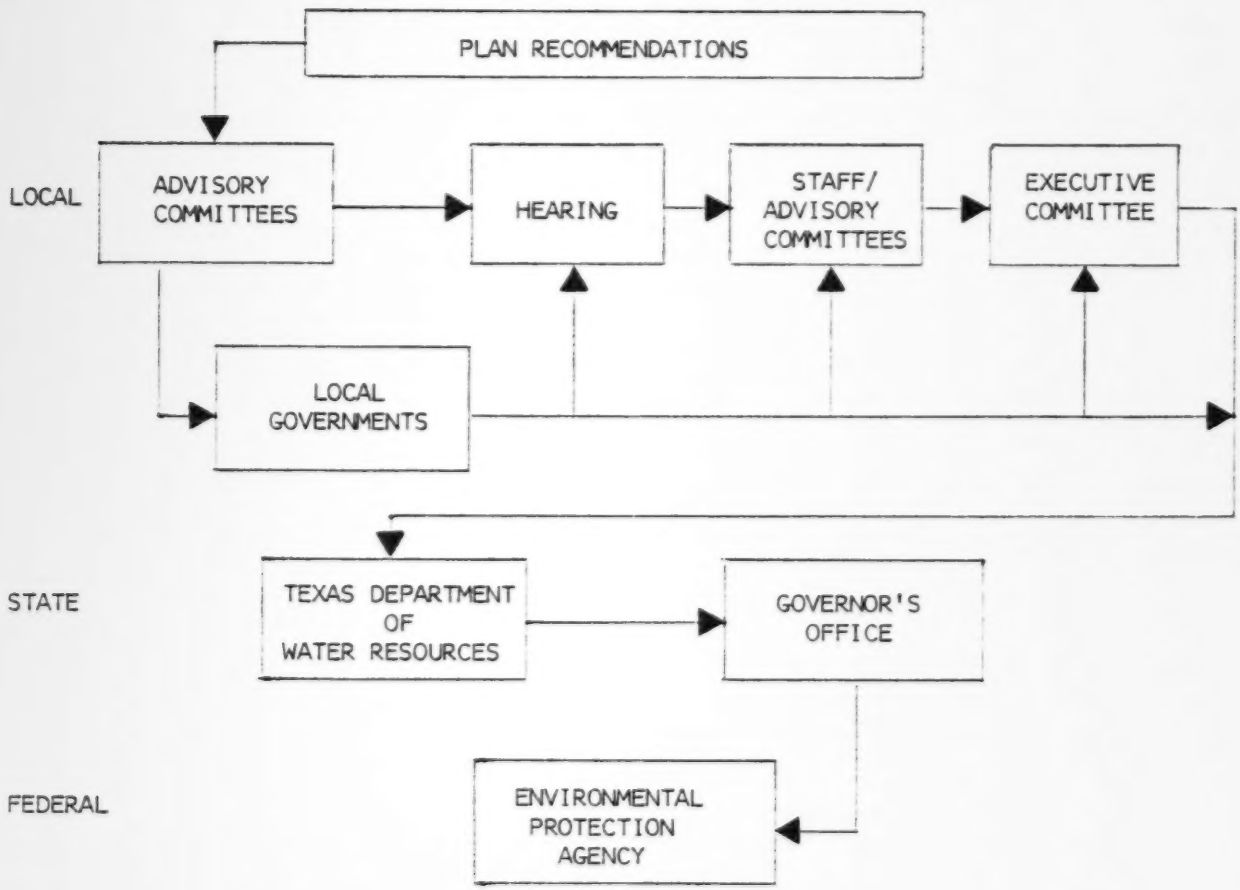
During the months of November 1977 through the February 1978 Public Hearings, extensive review was afforded by numerous presentations, radio and television programs, and coordination meetings with the various agencies and entities that would be affected by plan implementation. Reference Appendix B, pages B-8 through B-10 for a listing of these various activities.

In early January of 1978, the report was released for public and local government review. The Pre-Hearing Conferences, scheduled for the purpose of answering questions resulting from public review, were held on February 2 and 4, 1978. Four areawide Public Hearings were held on February 7, 8, and 9, 1978 to receive public input concerning the plan alternatives and initial recommendations. Members of the H-GAC Executive Committee served as Presiding Officers at each of the hearings. The Plan received a general measure of support. The Public Participation Program was specifically cited in several testimonies as being an excellent example of an open citizen participation program.

The recommendations resulting from the Public Hearings were reviewed by the H-GAC Staff and the 208 advisory committees. The Areawide Planning Advisory Committee passed a Resolution on February 16, recommending approval of the alternatives and initial recommendations and resultant public input by the H-GAC Executive Committee. The H-GAC Executive Committee, in turn, passed a Resolution on February 21, approving the Houston Areawide Waste Treatment Management Plan Alternatives, Initial Recommendations and Public Record for submittal to the Texas Department of Water Resources for State certification.

FIGURE III-1

REVIEW AND APPROVAL PROCESS



On February 22, Staff began refining final plan recommendations and Implementation Requirements based on prior advisory committee and public review, and Executive Committee action. The report, "Areawide Waste Treatment Management Plan For The Greater Houston Area, Summary", March 1978 was developed to facilitate review of final plan recommendations and requirements. Staff participated in numerous agency coordination meetings and held advisory committee meetings to afford local input in the refinement of the recommendations and requirements.

In preparation for the public hearing, a news release was distributed summarizing the major recommendations, announcing the report's availability and hearing information, and inviting public comment. A similar article was also published in H-GAC's "Spectrum" newsletter. A notice announcing the public hearing information and availability of reports was distributed to all persons and organizations on the 208 mailing lists. The report was also released for local government review.

The final plan was the subject a a Public Hearing on April 12, 1978. The hearing testimony received was generally supportive of plan recommendations. The Areawide Planning Advisory Committee met on April 14 to review the hearing testimony, and passed a Resolution recommending approval of the Areawide Waste Treatment Management Plan For The Greater Houston Area to the H-GAC Executive Committee. On April 18, 1978, the H-GAC Executive Committee approved the Houston Areawide Waste Treatment Management Plan and the Public Record for submittal to the Texas Department of Water Resources for State certification. Reference Appendix B, pages B-10 through B-12 for meetings and activities relating to final plan approval, and reference Appendix C for all Advisory Committee and Executive Committee Resolutions.

CHAPTER IV - STAFF RESPONSIBILITY AND BUDGET

As referenced in earlier portions of this report, extensive efforts were directed toward public participation activities throughout development of the Houston Area 208 Program. Each Staff member was involved in some manner. There was a direct budget amount of $150,000 for public participation. However, equivalent staff time spent in public participation-related activities far exceeded that amount. During the review process, many Staff hours were charged to individual program elements as opposed to public participation per se. The committment to an open, responsive program was substantial.

Over the three-year period, an average of eight staff persons were involved in project development. General categories of staffing were 1) administrative/management, 2) technical/planning, and 3) general staff support. One person was assigned full time to public participation since the early months of project start-up.

During the first half of program development (project organization, work plan preparation, consultant selection, contract negotiation, initial planning), staff size approximated ten persons. Due to the nature of activities during that period, the administrative portion of staff time was greater than that which occurred later in the program.

In the latter months of the program, Staff was comprised of a Manager, Senior Planner, Environmental Analyst, Public Participation Assistant, general Staff Assistant, and Secretary. Since August 1976, the Environmental Planning Division reported directly to the H-GAC Executive Director. The Manager, Senior Planner, and Public Participation Assistant were part of the project team throughout program development. This measure of continuity proved valuable in assuring accountability and responsiveness.

Most members of the Environmental Planning Staff attended each meeting of the Areawide Planning Advisory Committee. Depending on the topic of discussion, selected Staff members attended meetings of the Technical Advisory Committee, Citizens Advisory Group, and subcommittees of each. Except for clerical support, no overtime was ever charged for attendance at these meetings.

The Environmental Planning Staff made direct charges to the 208 Program. A substantial commitment to the 208 public participation program was also afforded by the Executive Director. His charges were included in the overhead rate and were non-specific to 208.

Costs related to public participation were, to an extent, distributed across all program elements. This was a characteristic of the team

approach taken to project management. Each contractual program element had a lead person assigned to it. Time spent by that lead person in meeting with advisory subcommittees to review plan outputs was typically charged to the appropriate program element and not to the public participation elements.

Further, individual contracts provided for a certain amount of consultant time to be directed to presentations and H-GAC Staff support at key review steps. This was particularly the case for Alternative Technical Subplans, Alternative Management Systems, Impact Assessment, and Implementation Requirements. These charges do not appear in the public participation budget.

Presentations were made by all members of Staff, except for the Public Participation Assistant and those involved in general staff support. The Public Participation Assistant was responsible for preparing newsletters and news releases, serving as an informational contact, expanding the base of public participation-related activities. The position played a key role in the day-in, day-out operation of the program.

Charges to Advisory Committee Activities were made since implementation of the committee structure in late 1975 - early 1976. Most of the charges to Plan Approval were made in the last six months of the 208 Program. These costs involved preparation of Plan Summary Reports (written for general understanding of the lay public); meeting with representatives of governments and business interests; holding conferences and making presentations to explain 208 and to answer questions; conducting public hearings (5 in the last two months of the program); and preparing the Public Record. Activities directed toward Plan Approval were quite intensive in the latter months of plan development.

The direct budget for public participation is shown in the table below:

PUBLIC PARTICIPATION BUDGET
HOUSTON AREA 208 PROGRAM

Item	Advisory Committees	Citizen Involvement	Plan Approval	Total*
Personnel	$34,900	$20,500	$24,200	$ 79,600
Indirect (59.6% Provisional)	20,700	12,200	14,400	47,300
Contractual	--	--	1,500	1,500
Travel	100	800	1,000	1,900
Supplies	500	1,500	1,500	3,500
Printing, Publications	2,000	2,000	4,000	8,000
Communications	100	100	400	600
Postage	1,200	1,400	1,500	4,100
Xerox	500	1,500	1,500	3,500
TOTAL	$60,000	$40,000	$50,000	$150,000

* Excluding public participation-related charges made to individual program elements (review of plan outputs and percentage of consultant time).

APPENDIX A

GREATER HOUSTON AREA 208 PROGRAM PARTICIPANTS

HOUSTON-GALVESTON AREA COUNCIL EXECUTIVE COMMITTEE (1978)

The Honorable Benjamin Babovec
The Honorable Tom Bass
The Honorable Otha Birkner
The Honorable J. H. Brigance
The Honorable Dee E. Brune
The Honorable Dan Cox
The Honorable Lester J. Cranek
The Honorable Ralph Davis
The Honorable R.A. "Mickey" Deison
The Honorable Charles T. Doyle
The Honorable John Drozd
The Honorable Homer Ford
The Honorable Harlan Friend
The Honorable J. R. Harrison
The Honorable Ray Holbrook
The Honorable Benny Howard
The Honorable Jon Lindsay
The Honorable Jim McConn
The Honorable Floyd Myers
The Honorable Lee Mendenhall
The Honorable Ray Morrison
The Honorable Johnnie Pustka
The Honorable Tom Reid
The Honorable Jack Taylor
The Honorable Everett Tomlinson
The Honorable Mary Wilbanks
The Honorable John Unbehagan

AREAWIDE PLANNING ADVISORY COMMITTEE

Mr. E. B. Cape (Chairman)-deceased
Mr. Joe P. Teller (Vice-Chairman)
Mr. Jack Ayer
Mr. Malcolm D. Bailey
Mr. Don Betterton
Mr. Jimmie D. Coker
Mr. William E. Colbert
The Honorable Dan Cox
Mr. James B. Dannenbaum
Mr. Mel Davis
Mr. John Garrett
Mr. W. S. Gibbs
Mr. Billy G. Goff
Mr. Ed Griffith
Mr. F. E. Guthrie
The Honorable J. R. Harrison
Mrs. Terry Hershey
Mr. Don Hicks
Mr. C. E. Ince, Jr.
Mr. Ivan Langford, III
Mr. Richard A. Lewis
Mr. Harold Loyd
Mr. Thomas G. Mabray
Mr. Marty J. Manning
Mr. Robert M. Moore
Mr. Lind Nelson
Mr. Jimmy Petrick
Mr. Omer Poorman
Mr. Enrique Quevedo
Mr. Philip B. Scheps
Mr. Gordon Smith
Mr. R. Wayne Smith
Mr. Dan B. Stauffer
Mr. John Watts
Mr. Robert W. Williams
Mr. William G. Wooley
Mr. William W. Wright

TECHNICAL ADVISORY COMMITTEE

Mr. Joe P. Teller (Chairman)
Mr. William W. Wright (Vice-Chairman)
Dr. Philip B. Bedient
Mr. Clark Benson
Mr. Jimmie D. Coker
Mr. Dennis Crowley
Mr. Mike McEnany
Mr. Marty Manning
Dr. Jack V. Matson
Mr. Lind Nelson
Mr. Enrique Quevedo
Mr. James Green

CITIZENS ADVISORY GROUP

OFFICERS:

Mr. Ray Runnels	(Chairman)
Mr. Bruce Thomson	(Vice-Chairman)
Mr. Rick Bost	(Parliamentarian)

SUBCOMMITTEE CHAIRS:

Mr. Lee Howard	(Communications & Planning)
Mr. Phil Scheps	(Membership & Participation)
Mr. Ray Runnels	(Goals & Objectives)
Mr. Bruce Thomson	(Point Source)
Mr. Tom McMaster	(Non-Point Source)
Mr. Doug Harned	(Water Quality Modeling)
Mr. Bob Page	(Water Quality Modeling)
Ms. Glenda Callaway	(Management Analysis)
Mr. Charles Kaplan	(Land Use & Populaton)

CAG ACTIVITY REPORT -- THE FIRST YEAR

(DECEMBER, 1976)

Introduction

The Citizens Advisory Group is an open-membership group which was established to provide a forum for public participation in the Greater Houston Area 208 Planning Program. This program is authorized under Section 208 of the Federal Water Pollution Control Act of 1972 to develop an areawide waste treatment management plan for Harris County and parts of five adjoining counties. The plan is being prepared by the Houston-Galveston Area Council (H-GAC) with the assistance of citizens and professionals in the area.

The Citizens Advisory Group (CAG) developed from an ad hoc committee of interested citizens formed following an H-GAC public workshop on water quality held in December 1975. These interested citizens assisted in the formation of the CAG outlined in the 208 Project Design Report prepared by the H-GAC staff. The ad hoc committee was designated the offical CAG in February 1976 by the Areawide Planning Advisory Committee (APAC) for the Greater Houston 208 Area. The CAG reports to the APAC and also works directly with the H-GAC staff and the 208 Technical Advisory Committee. The group also seeks to maintain contact with other public groups, interested individuals, and government officials who wish to be kept informed about the 208 program.

General Activities - 1976

The CAG has endeavored to keep interested citizens informed about and involved in the 208 program by:

(a) holding approximately 37 regular and subcommittee meetings during the past year in which over 100 area citizens have attended and participated

(b) featuring at these meetings: regular reports by the H-GAC staff on the status of 208 activities; special presentations by the staff on specific program activities; presentations by outside speakers on such subjects as non-point source pollution, management analysis, public participation in environmental planning, and the preparation of population and land use projections for use in the 208 program

(c) providing monthly mailouts to all citizens on the CAG mailing list announcing upcoming 208 activities, outlining the agenda for the upcoming CAG meeting, and noting recent or current developments in the 208 program

(d) assisting in the development of an informative 208 program brochure which has been distributed throughout the area

The CAG has attempted to maintain both formal and informal communications with the other advisory committees and the H-GAC staff involved in the 208 planning process by:

CAG ACTIVITY REPORT -- THE FIRST YEAR

(a) being represented at all monthly meetings of the APAC

(b) having the CAG Chairperson make a formal report on CAG activities at each APAC meeting

(c) being represented at most TAC meetings

(d) being represented and providing comments on 208 program activities at meetings of several TAC subcommittees

(e) meeting formally and informally with the H-GAC staff to coordinate efforts and discuss issues arising during the planning process

The CAG (under mandate from the APAC) developed Goals & Objectives for the planning program. These goals and objectives are based on input received through a series of four public workshops; they were prioritized according to the results of a mailout to area citizens identified as interested in water quality. The Goals & Objectives were approved by the CAG in September 1976 and accepted by the APAC in November 1976 for consideration in the planning program.

The CAG, in conjunction with the H-GAC staff, prepared a report detailing the process by which the Goals & Objectives for the 208 program were developed. The report was made available to the general public.

The CAG has reviewed several of the 208 program outputs prepared thus far and has made comments to the staff and/or the TAC subcommittees.

The CAG has demonstrated citizen interest in specifying procedures for holding public hearings on 208 program activities; in that regard, the CAG has prepared two recommended procedures and forwarded them to the APAC for its consideration.

The CAG has endeavored to make contact with state and federal government officials involved in 208 planning to keep them informed about local needs and wishes; CAG members have met with the Public Participation Consultant to the Administrator of EPA, the Public Affairs Director of EPA Region VI, and the Governor's Special Advisor on Natural Resources, among other officials.

The CAG has identified to the appropriate officials and governing bodies qualified and interested individuals to serve on the other 208 advisory committees, the APAC and the TAC.

The CAG has begun working with the Houston Area League of Women Voters in developing and implementing their 208 program public participation project.

CAG Subcommittee Activities - 1976

1. Communications and Planning. This subcommittee has met monthly to monitor the implementation of the 208 planning process, to maintain communications between the CAG and the H-GAC staff, to develop the agenda for CAG

meetings, and to plan CAG activities in general. Members of the subcommittee reviewed the H-GAC report on "How Cleans Do You Want Your Streams?" and presented comments on the report to the staff.

2. Membership and Participation. This subcommittee has assisted in the preparation of the 208 informational brochure for distribution in the area, provided material for use in the H-GAC sponsored Water Quality Newsletter distributed by the Citizens Environmental Coalition to several hundred area citizens, made personal contact with other public groups to inform them of 208 activities, and advised the H-GAC staff on general public participation activities.

3. Goals and Objectives. This subcommittee met ten times between February and August to assist in the development of 208 planning goals and objectives. Subcommittee members edited, simplified, and condensed the approximately 200 individual goal statements submitted by attendees at a series of public workshops; incorporated additional inputs from APAC and TAC members; prepared a mailout questionnaire with preliminary goals and objectives for prioritization by citizens interested in water quality; prioritized and finalized proposed goals and objectives based on mailout reponses; and prepared, in conjunction with the H-GAC staff, a report detailing the process by which the Goals & Objectives were developed.

4. Point Source. During the past year this subcommittee has reviewed and commented on the Draft Subsidence and Sludge Inventory Reports. The subcommittee has organized itself so that subsequent reports will be quickly reviewed by its members as the reports are released. Members of the subcommittee have attended most TAC meetings and several TAC subcommittee meetings to keep informed on the status of point source analysis and related activities, and to comment on 208 outputs.

5. Non-Point Source. This subcommittee has reviewed and commented on the Draft Solid Waste Site Inventory and Non-Point Control Strategies reports.

6. Water Quality Modeling and Data Base. This subcommittee was recently organized, has reviewed the information available on the 208 water quality modeling effort being undertaken by the Texas Water Quality Board, and has provided comments on the modeling effort to the H-GAC staff.

7. Management Analysis. This subcommittee has organized, has been briefed by the H-GAC staff and the management consultants on the schedule and scope of work for the management analysis activity, and is preparing to play an active advisory role now that work on the management contract has begun.

8. Land Use and Population. Members of the subcommittee have reviewed the revision of the 208 population and land use projections for the area encompassed by the Houston city limits. Information on the projections was solicited from and provided by the H-GAC staff, various departments of the City of Houston, and the private consultants who prepared the City projections. Members of the subcommittee are preparing an informational report on population and land use projections in the Houston area as a resource document for possible use in the 208 population and land use projections update scheduled for 1977.

Conclusions and a Look Ahead to 1977

The endeavor to achieve effective volunteer citizen participation in a technical planning program constrained by time and funding is a complex effort. Consequently, not all of the public involvement goals of the CAG have been achieved during the past year, even though the CAG has had the active assistance of the H-GAC staff and the other 208 advisory committees. Yet the members of the CAG feel that a necessary and important beginning has been made toward achievement of those goals. The establishment of an open-membership Citizens Advisory Group, an idea developed by the H-GAC staff, itself goes far beyond the minimal EPA requirements for public participation in 208 planning. The scheduled public workshops on water quality planning standards, to be held in January 1977, will be another important accomplishment in furthering citizen involvement in the 208 program. The CAG will assist the H-GAC staff in promoting these public workshops in every way possible.

The coming year promises to be an eventful and crucial one for 208 planning; the major institutional and technical recommendations of the program are scheduled for completion during this period. The CAG has pledged to redouble its efforts during 1977 to provide more comprehensive review and comment on 208 program outputs, broaden citizen participation and increase public awareness of the planning program, maintain better communications and increase cooperation with the H-GAC staff and the other advisory committees, and develop public support for an effective areawide water quality management plan. The 208 Citizens Advisory Group will endeavor during 1977 to build upon the foundation for public participation which has been laid during 1976 by the citizens and professionals working together.

Prepared by the Communications and Planning Subcommittee
of the Citizens Advisory Group

CAG Activity Report -- January through August 1977 (Inclusive)

Introduction

The Citizens Advisory Group is an open-membership group which was established to provide a forum for public participation in the Greater Houston Area 208 planning program. This program is authorized under Section 208 of the Federal Water Pollution Control Act of 1972 to develop an areawide waste treatment management plan for Harris County and parts of five adjoining counties. The plan is being prepared by the Houston-Galveston Area Council (H-GAC) with the assistance of citizens and professionals in the area.

The Citizens Advisory Group (CAG) developed from an ad hoc committee of interested citizens formed following an H-GAC public workshop on water quality held in December 1975. These interested citizens assisted in the formation of the CAG outlined in the 208 Project Design Report prepared by the H-GAC staff. The ad hoc committee was designated the official CAG in February 1976 by the Areawide Planning Advisory Committee (APAC) for the Greater Houston 208 area. The CAG reports to the APAC and also works directly with the H-GAC staff and the 208 Technical Advisory Committee. The CAG also seeks to maintain contact with other public groups, interested individuals, and government officials who wish to be kept informed about the 208 program.

An Activity Report summarizing the work of the CAG during the first year of its involvement in the 208 planning program was prepared and distributed in December 1976. The report which follows covers the period of January through August 1977 (inclusive) and details the progress which the CAG has made since that earlier report was prepared.

General Activities:

The CAG endeavored to keep interested citizens informed about and involved in the 208 program by:

1. holding approximately 23 regular & subcommittee meetings during the past nine months, in which over 60 area citizens participated

2. featuring at these meetings: reports & special presentations by the H-GAC staff on the status of specific 208 activities; slide presentations on such topics as the local 208 program, stormwater runoff, and watershed management; presentations by outside speakers such as a representative of the U.S. Soil Conservation Service and the environmental assistant to a Houston area Congressman

3. providing through H-GAC monthly mailouts to all citizens on the CAG mailing list (in excess of 100 people)--these mailouts have included a full packet of information announcing upcoming 208/CAG activities and noting recent or current developments in the program

4. providing through H-GAC monthly mailouts of a one-page schedule of upcoming 208/CAG activities to an additional 900 people who have expressed an interest in water quality

5. assisting H-GAC in publicizing the visit by the EPA/Izaak Walton League Water Wagon and the January H-GAC public workshops on water quality planning standards

6. sponsoring an exhibit on the 208 program at the Environmental Involvement Day held by the Cousteau Society and the Houston area Citizens Environmental Coalition--approximately 400 people visited the exhibit, several hundred booklets & brochures on water pollution and the 208 program were distributed, and 140 people signed the register requesting to be put on the 208 mailing list

7. assisting the League of Women Voters in development of an informative slide show on the local 208 planning program and participating in the presentation of this slide show to civic groups, college classes, and public meetings

8. arranging for the inclusion of H-GAC and the 208 process on a Channel 8 TV program focusing on water pollution in the Houston area

9. producing a 2½ hour radio show on the 208 process for "Embrace the Earth," a weekly feature on KPFT-FM Radio

10. arranging for coverage of a CAG field trip by the Houston Post and KPRC-TV (Channel 2) News

11. placing regular CAG announcements and articles on 208 planning in the monthly Citizens Environmental Coalition newsletter

12. placing 208 announcements in several issues of other newsletters and newspapers--for example, Houston Audubon Society newsletter, Houston Sierra Club Bayou Banner, and the Houston Post's "What People Are Doing" section

The CAG maintained both formal & informal communications with the other 208 advisory committees and the H-GAC staff by:

1. being represented at all monthly meetings of the APAC

2. having the CAG Chairman make a formal report on CAG activities at each APAC meeting

3. being represented at all TAC meetings

4. being represented at and providing comments on 208 program activities at meetings of several TAC subcommittees (the CAG Chairman served as a formal member of the TAC Management Analysis Subcommittee)

5. meeting formally & informally on numerous occasions with the H-GAC staff to coordinate efforts and discuss issues arising during the planning process

The CAG provided opportunities for citizens to broaden their knowledge about water pollution and related problems and possible solutions to these problems by:

1. sponsoring a field trip conducted by the Soil Conservation Service (SCS) to observe erosion & sedimentation problems/solutions in western Harris County--the trip was the subject of an article in the Sunday Houston Post and of a news segment on Channel 2 News

2. sponsoring a second SCS field trip to northern Harris Co.

3. participating with the H-GAC staff in a tour of the experimental NASA monitoring site at the City of Houston's Southwest Sewage Treatment Plant

4. sponsoring a tour of the City of Houston's Northside Sewage Treatment Plant (the tour was led by several top officials in the City's Public Works Department)

5. sponsoring a tour of the Woodlands Wastewater Treatment Plant, which is operated for the San Jacinto River Authority

The CAG made special efforts to interest and inform citizens of the Spring & Cypress Creeks area about the 208 program and water quality (& related) problems by:

1. holding a CAG social gathering on Cypress Creek to meet some residents of that area and discuss 208 planning

2. sponsoring the SCS field trip and Woodlands treatment plant tour in that area, as noted above

3. holding a public meeting in June at North Harris Co. College to inform citizens in that area of the status of technical subplans being developed for Spring & Cypress Creeks

4. featuring a discussion of the preliminary technical subplans for Spring & Cypress Creeks at the August CAG meeting

The CAG reviewed several of the 208 program outputs prepared thus far, the scopes of work for several 208 activities, and other documents related to 208, and made comments on these to the H-GAC staff and other advisory committees. Among the 208 elements reviewed and commented upon:

1. Water Quality Planning Standards for the Houston 208 area (CAG resolution adopted 2/10/77 and 3/21/77 letter from CAG members to the APAC)

2. Texas Water Quality Board (TWQB) Letter of Guidance on 208 Management Planning (CAG Management Analysis Statement adopted on 3/10/77)

3. Current Wastewater Management Report (see report of CAG Management Analysis Subcommittee meeting held 6/9/77)

4. Management Assessment Report (see reports of CAG Management Analysis Subcommittee meetings held 7/7/77 and 7/21/77)

5. Broad Management Options Report (see report of CAG Management Analysis Subcommittee meeting held 7/21/77)

6. D.A.R.E. Analysis Evaluation Criteria for 208 Technical Subplans (7/18/77 CAG letter to H-GAC staff)

The CAG prepared two recommended alternative procedures for calling public hearings on 208 program activities. These procedures were adopted 1/25/77 by the APAC and printed in revisions to the 208 Project Design Report.

CAG Activity Report (January - August 1977)

The CAG maintained contact with a number of local, state, and Federal government officials to keep them abreast of 208 planning and discuss how their efforts might affect and be affected by 208. These officials included representatives of SCS, members of the H-GAC Executive Committee, members of the U.S. Congress, and the Harris Co. Pollution Control Department.

The CAG recommended the names of qualified and interested individuals to serve on the Areawide Planning Advisory Committee.

The CAG participated in the January H-GAC workshops on "How Clean Do You Want Your Streams?" The CAG was represented at each of the four workshops; CAG members distributed information at the workshops and discussed 208 activities with attendees; and three CAG members at the "wrap-up" workshop at H-GAC made formal reports on the public input received at the earlier workshops.

CAG Subcommittee Activities:

1. Communications & Planning. This subcommittee has met monthly to monitor the implementation of the 208 planning process, to maintain communications between the CAG and the H-GAC staff, to develop the agenda for CAG meetings, and to plan CAG activities in general. Members of the subcommittee worked on the preparations for Cousteau Involvement Day, made arrangements for CAG field trips and tours, and reviewed the H-GAC schedule for completion of the 208 planning program.

2. Membership & Participation. This subcommittee conducted phone campaigns during the Spring to encourage attendance at CAG meetings and to inform interested citizens of other CAG activities. Members of the subcommittee maintained personal contact with other public groups to keep them abreast of 208 developments, and have advised the H-GAC staff on general public participation activities. The membership & participation activities have benefited from the advice of a CAG member with professional experience and academic research interests in public participation in planning programs.

3. Management Analysis. The co-chairs of this subcommittee participated in the development of management analysis evaluation criteria, and these criteria were briefly reviewed at the 2/10/77 meeting of the subcommittee. The subcommittee reviewed in March the TWQB Letter on 208 Management Planning and drafted a statement in response to considerations raised in the TWQB document. That statement was approved unanimously by the CAG and accepted by the APAC for transmittal to TWQB. The CAG Subcommittee held meetings on 6/9, 7/7, and 7/21 to review outputs of the 208 management analysis work, and the reports on each of these meetings were distributed to the H-GAC staff and the CAG (and on one occasion to the TAC Management Analysis Subcommittee). Members of the CAG Subcommittee have attended all of the meetings of its counterpart TAC Subcommittee and participated in its continuing review of the management analysis activity. The CAG Subcommittee is preparing to review closely the Alternative Management Systems Report being developed by the private consultants.

4. Goals & Objectives / Impact Assessment. This subcommittee has not met during 1977 because its initial responsibility, assistance in the development of citizen Goals & Objectives for the 208 planning process, was successfully concluded in September 1976. The subcommittee will probably be reactivated in a few months to review the assessment of the impacts of the recommended 208 plan. Special attention will be given to whether the plan addresses the citizen Goals & Objectives.

5. Pollution Control Strategies. This subcommittee was formed recently to review the development of technical subplans for area streams and lakes. The subcommittee has not yet met, but individual CAG members are currently reviewing the initial technical subplan recommendations for Spring & Cypress Creeks. Also, attendees at the July CAG meeting reviewed and commented on the proposed criteria to be used in evaluating the technical subplans. As the upcoming technical subplans reports are released for public review, this subcommittee should become active.

Other CAG Subcommittees (Point Source, Nonpoint Source, Water Quality Modeling, and Land Use & Population) have been phased out as the particular 208 activities which they were concerned with have been completed or as their responsibilities have been transferred to other subcommittees.

Conclusions

During the first nine months of 1977 the CAG has progressed beyond its initial activities in 1976 and has been especially successful in the following areas: expanding public awareness of the 208 program, diversifying the activities of the citizens group, providing the opportunity for citizens to view first-hand local environmental problems & potential solutions, participating in the 208 management analysis activity and reviewing the outputs of that analysis, and continuing an organized and regularized mechanism for citizen input into the 208 planning process.

By no means do these accomplishments indicate that public participation in the 208 process and the work of the CAG has been an unqualified success. Among the shortcomings and disappointments experienced: generally attendance at CAG meetings and other 208 public events has been fairly low; CAG members have not been able to provide much substantive review of 208 technical documents; the public participation budget in the local 208 program has not been adequate to fund all CAG activities, necessitating inordinate expenditure of personal funds by CAG officers and members; and the comparative weight which will be given to citizen inputs when the final 208 decisions are made has yet to be determined. Still, the Houston 208 planning process has been a remarkably open one, allowing for honest differences of opinion to be expressed, and the Citizens Advisory Group has proved the value of public participation.

The CAG will be active in the remainder of the 208 planning process, concentrating on review of upcoming reports and recommendations, encouraging participation in the scheduled 208 public hearings, and developing positions on the recommended 208 management & technical alternatives.

** Prepared by Ken Kramer, CAG Chairman (August 1976 - August 1977) **

APPENDIX B

PUBLIC PARTICIPATION MEETINGS/ACTIVITIES

September 17, 1975	- Technical Advisory Committee (TAC) Meeting
September 22, 1975	- Meeting with citizen's group concerning public participation
October 2, 1975	- Technical Advisory Committee Meeting
October 9, 1975	- Technical Advisory Committee Meeting
October 9, 1975	- Presentation to Clear Creek Basin Authority
October 16, 1975	- Technical Advisory Committee Meeting
October 16, 1975	- Presentation to TexPIRG at Rice University
October 21, 1975	- Presentation to H-GAC Executive Committee by Staff and by John White, EPA Regional Administrator
October 23, 1975	- Technical Advisory Committee Meeting
October 29, 1975	- Meeting with the League of Women Voters of Houston at H-GAC
October 30, 1975	- Technical Advisory Committee Meeting
November 1, 1975	- Presentation to the Citizen's Environmental Coalition during Symposium in Galveston
November 13, 1975	- Technical Advisory Committee Meeting
November 20, 1975	- Technical Advisory Committee Meeting
November 25, 1975	- Staff Participation in EPA Public Participation Seminar in Dallas
December 6, 1975	- Water Quality Workshop
December 9, 1975	- TAC Socio-Economic Data Base Subcommittee Meeting
December 10, 1975	- TAC Project Administration, Public Participation, Plan Approval, Screen Subplans Subcommittee Meeting
December 10, 1975	- TAC Management Analysis Subcommittee Meeting
December 11, 1975	- TAC Water Data Base, Point Source Inventories, Sampling, Municipal Waste Loads, Screen Subplans Subcommittee Meeting
December 11, 1975	- TAC Alternative Technical Subplans Subcommittee Meeting
December 12, 1975	- TAC Implementation Requirements Subcommittee Meeting
December 13, 1975	- Water Quality Workshop
December 15, 1975	- TAC Subcommittee Meeting
December 19, 1975	- APAC, CAG Concept Meeting at H-GAC
January 8, 1976	- Citizens Advisory Group (CAG) Meeting
January 22, 1976	- Technical Advisory Committee Meeting
January 27, 1976	- Areawide Planning Advisory Committee (APAC) Meeting
January 29, 1976	- Citizens Advisory Group Meeting
February 12, 1976	- 208 Presentation to the Houston Chamber of Commerce, Environmental Committee
February 17, 1976	- 208 Presentation to Sam Houston RC&D
February 19, 1976	- Citizens Advisory Group Meeting
February 24, 1976	- Areawide Planning Advisory Committee Meeting
February 25, 1976	- 208 Presentation to Meeting of Public Works Officials at Texas A & M University
March 1, 1976	- 208 Presentation to Harris County Flood Control Task Force
March 2, 1976	- CAG Goals and Objectives Subcommittee Meeting
March 8, 1976	- CAG Communications Subcommittee Meeting
March 11, 1976	- Technical Advisory Committee Meeting
March 13, 1976	- Goals and Objectives Workshop
March 16, 1976	- 208 Presentation to local chapter of Texas Water Pollution Control Association

March 16, 1976	- CAG Goals and Objectives Subcommittee Meeting
March 18, 1976	- Citizens Advisory Group Meeting
March 18, 1976	- Goals and Objectives Workshop
March 23, 1976	- Areawide Planning Advisory Committee Meeting
March 30, 1976	- CAG Goals and Objectives Subcommittee Meeting
April 6, 1976	- CAG Goals and Objectives Subcommittee Meeting
April 8, 1976	- Goals and Objectives Workshop
April 10, 1976	- H-GAC Small Cities Meeting
April 15, 1976	- Technical Advisory Committee Meeting
April 15, 1976	- Goals and Objectives Workshop
April 15, 1976	- Citizens Advisory Group Meeting
April 16, 1976	- Taped 208 Presentation for League of Women Voters Radio Program
April 19, 1976	- CAG Goals and Objectives Subcommittee Meeting
April 21, 1976	- CAG Goals and Objectives Subcommittee Meeting
April 22, 1976	- Technical Advisory Committee Meeting
April 27, 1976	- Areawide Planning Advisory Committee Meeting
April 29, 1976	- Technical Advisory Committee Meeting
April 29, 1976	- Population/Land Use Workshop
May 4, 1976	- Interviewed for article in Journal of Water Pollution Control Federation
May 5, 1976	- CAG Goals and Objectives Subcommittee Meeting
May 12, 1976	- CAG Goals and Objectives Subcommittee Meeting
May 13, 1976	- Population/Land Use Public Hearing
May 13, 1976	- Citizens Advisory Group Meeting
May 24, 1976	- CAG Membership and Participation Subcommittee Meeting at Gulf Coast Waste Disposal Authority Offices
May 25, 1976	- Areawide Planning Advisory Committee Meeting
June 10, 1976	- Citizens Advisory Group Meeting
June 17, 1976	- Technical Advisory Committee Meeting
June 22, 1976	- Areawide Planning Advisory Committee Meeting
June 30, 1976	- CAG Membership and Participation Subcommittee Meeting
July 8, 1976	- TAC Subsidence, Solid Waste, and Sludge Inventory Subcommittee Meeting
July 8, 1976	- TAC Project Administration Subcommittee Meeting
July 8, 1976	- CAG Goals and Objectives Subcommittee Meeting
July 8, 1976	- Citizens Advisory Group Meeting
July 15, 1976	- Technical Advisory Committee Meeting
July 19, 1976	- CAG Membership and Participation Subcommittee Meeting
July 23, 1976	- TAC Solid Waste Subcommittee Meeting
July 27, 1976	- Areawide Planning Advisory Committee Meeting
August 12, 1976	- Citizens Advisory Group Meeting
August 19, 1976	- Technical Advisory Committee Meeting
August 24, 1976	- Areawide Planning Advisory Committee Meeting
August 30, 1976	- CAG Planning Meeting
September 9, 1976	- Citizens Advisory Group Meeting
September 15, 1976	- CAG Nonpoint Source Analysis Subcommittee Meeting
September 28, 1976	- Areawide Planning Advisory Committee Meeting
October 4, 1976	- CAG Planning Meeting
October 4, 1976	- TAC Nonpoint Source Analysis Subcommittee Meeting
October 12, 1976	- Presentation to Environmental Health Class at the University of Houston

October 14, 1976	- Technical Advisory Committee Meeting
October 14, 1976	- Citizens Advisory Group Meeting
October 26, 1976	- Areawide Planning Advisory Committee Meeting
November 3, 1976	- CAG Planning Meeting
November 8, 1976	- APAC Public Participation Subcommittee Meeting
November 11, 1976	- Citizens Advisory Group Meeting
November 17, 1976	- TAC Water Data Base and Alternative Technical Subplans Subcommittee Meeting
November 23, 1976	- Areawide Planning Advisory Committee Meeting
November 29, 1976	- CAG Planning Meeting
December 9, 1976	- Citizens Advisory Group Meeting
December 13, 1976	- TAC Alternative Technical Subplans Subcommittee Meeting
December 13, 1976	- TAC Sludge and Residual Waste Subcommittee Meeting
December 14, 1976	- Technical Advisory Committee Meeting
December 28, 1976	- Areawide Planning Advisory Committee Meeting
January 3, 1977	- 208 Presentation to Engineers Club of Houston by APAC Member
January 6, 1977	- KEYH Radio Program, "Community Viewpoint" Interview
January 6, 1977	- Citizens Advisory Group Meeting
January 7, 1977	- KEYH Radio Program, "Community Viewpoint" Interview
January 10, 1977	- Meeting with League of Women Voters of Washington
January 11, 1977	- TAC Management Analysis Subcommittee Meeting
January 16, 1977	- KEYH Radio Thelma Schoettker Show live interview with Dave Whitney, Save Our Streams Program Director, for Houston 208 Area visit
January 17, 1977	- KPFT Radio Interview with Dave Whitney
January 17, 1977	- Water Wagon/Dave Whitney Presentation at Allen's Landing Park on Buffalo Bayou
January 18, 1977	- Water Wagon/Dave Whitney Presentation at Spring Creek Park on Spring Creek
January 18, 1977	- Dave Whitney article appears in Houston Post
January 19, 1977	- Channel 26, KDOG Television Harold Gunn Morning Show, Interview with Dave Whitney aired
January 19, 1977	- Water Wagon/Dave Whitney Presentation at Galveston County Park
January 19, 1977	- Water Wagon/Dave Whitney Presentation at Sylvan Beach
January 19, 1977	- Bayshore Sun Interview with Dave Whitney
January 20, 1977	- Channel 2 News (NBC Affiliate) feature story on Dave Whitney's visit
January 21, 1977	- KPFT Radio Program "Earth Awareness" interview with H-GAC Staff and Dave Whitney aired
January 23, 1977	- 208 Presentation to St. John's Presbyterian Church
January 25, 1977	- TAC Management Analysis Subcommittee Meeting
January 25, 1977	- "How Clean Do You Want Your Streams?" Workshop in Clear Lake City
January 25, 1977	- Areawide Planning Advisory Committee Meeting in Clear Lake City
January 26, 1977	- "How Clean Do You Want Your Streams?" Workshop at San Jacinto College
January 27, 1977	- "How Clean Do You Want Your Streams?" Workshop at North Harris County Community College

January 28, 1977	- TAC Nonpoint Source Analysis Subcommittee Meeting
January 29, 1977	- "How Clean Do You Want Your Streams?" Workshop at H-GAC
February 3, 1977	- TAC Management Analysis Subcommittee Meeting
February 3, 1977	- CAG Planning Meeting
February 7, 1977	- Technical Advisory Committee Meeting
February 10, 1977	- League of Women Voters (LWV) Slide Presentation, "Tomorrow's Water", shown to Bay Area League of Women Voters
February 10, 1977	- CAG Management Analysis Subcommittee Meeting
February 10, 1977	- Citizens Advisory Group Meeting
February 10, 1977	- "Tomorrow's Water" shown during CAG Meeting
February 11, 1977	- "Tomorrow's Water" shown to Citizens Who Care
February 12, 1977	- H-GAC and CAG Participation in Jacques Cousteau Involvement Day
February 12, 1977	- "Tomorrow's Water" shown during Jacques Cousteau Involvement Day
February 17, 1977	- TAC Water Data Base Subcommittee Meeting
February 22, 1977	- Areawide Planning Advisory Committee Meeting
February 22, 1977	- "Tomorrow's Water" shown during APAC Meeting
February 23, 1977	- "Tomorrow's Water" shown during Audubon Society Meeting
February 28, 1977	- "Tomorrow's Water" shown to Texas Forest Service Members in Conroe by Staff
March 1, 1977	- CAG Planning Meeting
March 7, 1977	- TAC Point Source Subcommittee Meeting
March 8, 1977	- "Tomorrow's Water" shown at the University of Houston
March 8, 1977	- CAG Management Analysis Subcommittee Meeting
March 10, 1977	- Citizens Advisory Group Meeting
March 10, 1977	- "Tomorrow's Water" shown to the Houston Sportsmen's Club
March 17, 1977	- TAC Management Analysis Subcommittee Meeting
March 17, 1977	- TAC Nonpoint Source Analysis Subcommittee Meeting
March 17, 1977	- "Tomorrow's Water" shown to Houston Chamber of Commerce, Water Resources Committee by Staff
March 20, 1977	- "Tomorrow's Water" shown to Unitarian Fellowship
March 21, 1977	- TAC Project Administration Subcommittee Meeting
March 21, 1977	- TAC Point Source Analysis Subcommittee Meeting
March 21, 1977	- "Tomorrow's Water" shown to Houston Jaycees by Staff
March 22, 1977	- Areawide Planning Advisory Committee Meeting
March 23, 1977	- Meeting with EPA Public Participation Evaluators
March 23, 1977	- "Tomorrow's Water" shown to EPA Public Participation Evaluators
March 24, 1977	- "Tomorrow's Water" shown to area civic clubs at Deer Park Public Library
March 28, 1977	- "Tomorrow's Water shown to Optimist Club in Bellaire
March 29, 1977	- CAG Planning Meeting
March 29, 1977	- "Tomorrow's Water" shown during Trinity River Citizens Assistance Group Meeting by Staff
April 5, 1977	- Technical Advisory Committee Meeting
April 7, 1977	- "Tomorrow's Water" shown at Central Houston Public Library to interested citizens
April 12, 1977	- Citizens Advisory Group/Soil Conservation Service Field Trip

April 12, 1977	- Channel 2 News (NBC Affiliate) Coverage of the Soil Conservation Service/CAG Field Trip on 6:00 p.m. News
April 12, 1977	- "Tomorrow's Water" shown to Cy-Fair High School Ecology Class
April 13, 1977	- Inter-agency Coordination Meeting with Alamo Area Council of Governments Representatives
April 14, 1977	- Citizens Advisory Group Meeting
April 14, 1977	- "Tomorrow's Water" shown to Flour Engineering Group
April 14, 1977	- "Tomorrow's Water" shown to Baytown City Council
April 17, 1977	- Article on CAG/SCS Field Trip appears in Houston Post
April 19, 1977	- "Tomorrow's Water" shown to Baytown League of Women Voters
April 26, 1977	- Areawide Planning Advisory Committee Meeting
April 28, 1977	- "Tomorrow's Water" shown during Sierra Club Meeting
May 3, 1977	- CAG Planning Meeting
May 3, 1977	- "Tomorrow's Water" shown to Almeda Civic Club at Vinson Public Library
May 4, 1977	- "Tomorrow's Water" shown to area civic clubs at Jungman Public Library
May 5, 1977	- TAC Impact Assessment Subcommittee Meeting
May 5, 1977	- TAC Point Source Analysis Subcommittee Meeting
May 6, 1977	- "Tomorrow's Water" shown to City of Baytown, Administration and Staff
May 10, 1977	- "Tomorrow's Water" shown to representatives of City of Houston, City Planning Department
May 11, 1977	- Representatives of Staff and CAG toured NASA Automated Water Monitor System at the City of Houston's Southwest Sewage Treatment Plant
May 12, 1977	- TAC Management Analysis Meeting
May 12, 1977	- "Tomorrow's Water" shown to St. Agnes School
May 12, 1977	- Citizens Advisory Group Meeting
May 13, 1977	- "Tomorrow's Water" shown during League of Women Voters of Houston Annual Meeting
May 14, 1977	- Staff presentation to Texas Chapter, American Institute of Planners on Forecasting Methodologies and Procedures
May 15, 1977	- CAG Subgroup Meeting on Cypress Creek
May 18, 1977	- Technical Advisory Committee Meeting
May 19, 1977	- "Tomorrow's Water" shown to interested citizens at Lakewood Public Library
May 21, 1977	- Citizens Advisory Group/Soil Conservation Service Field Trip
May 23, 1977	- Staff participation in League of Women Voters Symposium, "Growth: Its Problems and Opportunities"
May 23, 1977	- 208 Presentation to Council of Cypress Creek Water Districts
May 24, 1977	- EPA/TWQB/H-GAC Coordination Meeting
May 24, 1977	- Areawide Planning Advisory Committee Meeting
May 27, 1977	- Staff participation in Channel 8 Series, "The Growing Dilemma" on 208 and the Houston Ship Channel
May 29, 1977	- KXYZ and KAUM Radio Program "Insight" on 208 Program
May 31, 1977	- TAC Point Source Subcommittee Meeting
June 7, 1977	- "Tomorrow's Water" shown to La Porte Rotary Club by APAC Member
June 7, 1977	- Coordination Meeting with Members of CAG Pollution Control Strategies Subcommittee and Staff (5 participants)

June 7, 1977	- CAG Management Analysis Subcommittee Meeting
June 9, 1977	- TAC Point Source Subcommittee Meeting
June 9, 1977	- TAC Modeling Subcommittee Meeting
June 9, 1977	- Citizens Advisory Group Meeting
June 13, 1977	- Technical Advisory Committee Meeting
June 13, 1977	- "Tomorrow's Water" shown to KPFT Radio's Environmental Task Force
June 18, 1977	- Citizens Advisory Group Tour of the Northside Sewage Treatment Plant
June 20, 1977	- TAC Alternative Technical Subplans Subcommittee Meeting
June 20, 1977	- TAC Point Source Analysis Subcommittee Meeting
June 21, 1977	- "Tomorrow's Water" shown during informal meeting of H-GAC's Executive Committee
June 21, 1977	- North Harris County Citizens Meeting--"Tomorrow's Water" shown during meeting
June 25, 1977	- Citizens Advisory Group Tour of the Woodlands Wastewater Treatment Plant
June 27, 1977	- "Tomorrow's Water" shown to Bay Area Board of Realtors (47 participants)
June 27, 1977	- "Tomorrow's Water" and EPA "Urban Stormwater Runoff" shown to Houston Community College Political Science Classes by CAG Member
June 28, 1977	- Areawide Planning Advisory Committee Meeting
June 30, 1977	- TAC Management Analysis Subcommittee Meeting
July 5, 1977	- CAG Planning Meeting
July 6, 1977	- KPFT Radio Program, "Embrace the Earth", on stormwater management prepared with CAG assistance aired
July 7, 1977	- CAG Management Analysis Subcommittee Meeting
July 11, 1977	- TAC Management Analysis Subcommittee Meeting
July 13, 1977	- KPFT Radio Program, "Embrace the Earth", on 208 Planning prepared with CAG assistance aired
July 13, 1977	- Technical Advisory Committee Meeting
July 14, 1977	- Citizens Advisory Group Meeting
July 18, 1977	- TAC Management Analysis Subcommittee Meeting
July 18, 1977	- "Tomorrow's Water" shown during Kiwanis Club Meeting by Staff
July 20, 1977	- "Tomorrow's Water" shown during Dickinson Rotary Club Meeting by Staff and APAC Member
July 21, 1977	- CAG Management Analysis Subcommittee Meeting
July 26, 1977	- CAG Management Analysis Subcommittee Meeting
July 26, 1977	- EPA/TWQB/H-GAC Coordination Meeting (2 EPA, 1 TWQB, 1 H-GAC)
July 29, 1977	- "Tomorrow's Water" shown to Baytown Chamber of Commerce by Executive Committee Member and APAC Member
August 2, 1977	- TAC Alternative Technical Subplans Subcommittee Meeting
August 2, 1977	- "Tomorrow's Water" shown to Houston Community College Government Classes by CAG Member
August 2, 1977	- CAG Planning Meeting
August 3, 1977	- EPA/TWQB/H-GAC Coordination Meeting
August 11, 1977	- Citizens Advisory Group Meeting
August 16, 1977	- Presentation of Broad Management Options to the H-GAC Executive Committee
August 16, 1977	- TAC Impact Assessment Subcommittee Meeting

August 16, 1977 - TAC Nonpoint Source Analysis Subcommittee Meeting
August 17, 1977 - EPA/TWQB/H-GAC Coordination Meeting (1 EPA, 1 TWQB, 3 H-GAC)
August 18, 1977 - 208 Article Appears in Citizen's Environmental Coalition Newsletter
August 22, 1977 - "Tomorrow's Water" and EPA "Urban Stormwater Runoff" previewed by Environmental Geology Department, University of Houston for use in classes
August 23, 1977 - Technical Advisory Committee Meeting
August 23, 1977 - Areawide Planning Advisory Committee Meeting
August 29, 1977 - "Tomorrow's Water" and EPA "Urban Stormwater Runoff" previewed by Texas Commission on Humanities for use in television segment
September 8, 1977 - Citizens Advisory Group Meeting
September 8-9, 1977 - Staff (1) participation in EPA Government/Industry Conference, Dallas
September 12, 1977 - Kingwood Field Trip with APAC Member in Humble (1 APAC, 1 H-GAC)
September 14, 1977 - 208 Presentation to University of Houston Environmental Journalism Class
September 15-16, 1977 - 208 COG Coordination Meeting (2 H-GAC participants)
September 18, 1977 - H-GAC Staff, TAC and CAG Members participation in Channel 8 Program, "Houston 2001: A Livable City", sponsored by Houston Committee for the Humanities and Public Policy
September 19-21, 1977 - Staff Attendance at National Public Information Officers Conference in Dallas
September 23, 1977 - Shell Complex Open House Tour in Deer Park (24 participants, including H-GAC Staff, APAC and CAG Members)
September 27, 1977 - Areawide Planning Advisory Committee Meeting
September 29, 1977 - TAC Alternative Technical Subplans Subcommittee Meeting
October 1, 1977 - KTRH Radio Program "CEC Update" on 208 Program by CAG
October 3-4, 1977 - Interviews by Centaur Management Consultants with 208 Staff, Citizen and Elected Official Representatives
October 6, 1977 - TDWR/H-GAC/Alternative Technical Subplans Contractor Coordination Meeting
October 10, 1977 - TAC Alternative Technical Subplans Subcommittee Meeting
October 10, 1977 - CAG Alternative Technical Subplans Subcommittee Meeting
October 12, 1977 - TDWR/COG Coordination Meeting
October 12, 1977 - CAG Management Analysis Subcommittee Meeting
October 13, 1977 - Citizens Advisory Group Meeting
October 13, 1977 - Presentation of Alternative Management Systems to CAG (24 participants)
October 18, 1977 - TAC Management Analysis Subcommittee Meeting
October 18, 1977 - Technical Advisory Committee Meeting
October 19, 1977 - H-GAC/Gulf Coast Waste Disposal Authority Coordination Meeting (2 H-GAC, 2 GCWDA)
October 19, 1977 - "Tomorrow's Water" shown to Society of Real Estate Appraisers by Staff (7:00 p.m.--100 + participants)
October 20, 1977 - H-GAC/San Jacinto River Authority Coordination Meeting (3 H-GAC, 2 SJRA)
October 24, 1977 - H-GAC/City of Houston Coordination Meeting (2:00 p.m.-- 3 H-GAC, 2 City of Houston)

October 25, 1977	- Areawide Planning Advisory Committee Meeting
October 25, 1977	- Presentation of Recommended Management System to APAC (4 H-GAC, 17 APAC)
October 28, 1977	- "Tomorrow's Water" shown to Mercer Arboretum Citizen's Advisory Group (10:00 a.m.--1 H-GAC, 43 participants)
October 31, 1977	- H-GAC/San Jacinto River Authority Coordination Meeting (9:00 a.m.--3 H-GAC, 1 SJRA)
November 3, 1977	- Presentation of Management and Technical Alternatives and Staff Recommendations to Executive Committee during Annual Workshop
November 10, 1977	- Citizens Advisory Group Meeting (7:30 p.m.--3 H-GAC, 15 CAG)
November 10, 1977	- Presentation of Recommended Management System and Recommended Alternative Technical Subplans to CAG
November 15, 1977	- 208 Presentation to Texas Water Pollution Control Association by APAC Member (40 + participants)
November 16, 1977	- Staff (3) attendance at Texas Department of Water Resources Public Hearing on the Basic Data Report concerning Water Quality Planning for the San Jacinto River Basin
November 17, 1977	- Technical Advisory Committee Meeting
November 22, 1977	- Staff (2) attendance at San Jacinto River Authority Areawide Planning Advisory Committee Meeting
November 22, 1977	- Areawide Planning Advisory Committee Meeting
November 30-Dec. 1, 77	- Staff (2) participation in 208 Workshop sponsored by the University of Texas at Dallas
December 1, 1977	- Presentation of Alternative Management Systems to UTD Workshop
December 8, 1977	- Citizens Advisory Group Meeting
December 8, 1977	- Presentation of the Hearing Draft of the Summary Report, Impact Assessment, and the Results of the Houston Ship Channel Analyses during CAG Meeting
December 10, 1977	- KTRH Radio Program, "CEC Update"--Presentation of 208 Findings/Recommendations (8:05 p.m., 20 minute program, (1 H-GAC, 1 CAG)
December 13, 1977	- CAG Management Analysis and Technical Subplans Joint Subcommittee Meeting to discuss the Hearing Draft of the Summary Report (7:30 p.m.--1 H-GAC, 6 CAG)
December 16, 1977	- Technical Advisory Committee Meeting
December 20, 1977	- Presentation of Draft 208 Summary Report and Presentation of the Major Findings/Recommendations to H-GAC Executive Committee (9:30 a.m.)
December 20, 1977	- Areawide Planning Advisory Committee Meeting (4:00 p.m.)
December 21, 1977	- 208 Article appears in The Houston Post, Page 8A
December 22, 1977	- Meeting with Councilman, City of Houston, to discuss Major 208 Findings/Recommendations (1:30 p.m.--2 H-GAC, 1 City of Houston, City Hall)
January 1, 1978	- 208 Article appears in The Houston Chronicle, Page 6, Section 2
January 4, 1978	- Interview with News Editor, Citizen's Environmental Coalition Newsletter for article on 208 Findings/ Recommendations (10:00 a.m.--2 H-GAC)

January 5, 1978	- Coordination Meeting with Bayshore Municipal Utility District Board Director (1:30 p.m.--2 H-GAC)
January 6, 1978	- Legal Notices of Public Hearings posted in The Houston Chronicle and The Houston Post, Legal Notices Section
January 11, 1978	- Staff (1) participation in KPFT Ragio Program, "Embrace the Earth"--8:00 p.m. to 10:00 p.m. live, call in--Announcement of CAG Meeting, Pre-Hearing Conferences, and Public Hearings--Presentation on 208 Findings/Recommendations
January 12, 1978	- Presentation of 208 Summary of Findings/Recommendations to Houston Chamber of Commerce during noon luncheon (2 H-GAC, 25 Chamber of Commerce)
January 12, 1978	- EPA/TDWR/H-GAC Coordination Meeting (2:00 p.m.--2 EPA, 1 TDWR, 3 H-GAC)
January 12, 1978	- Citizens Advisory Group Meeting
January 12, 1978	- Presentation of 208 Summary of Findings/Recommendations to CAG (7:30 p.m.--4 H-GAC, 32 CAG)
January 16, 1978	- H-GAC/City of Houston Health Department Coordination Meeting (2 H-GAC, 2 City of Houston)
January 17, 1978	- 208 Summary Report Distributed during H-GAC Executive Committee Meeting
January 17, 1978	- H-GAC "Spectrum" Article released on Summary of Findings/Recommendations, Announcement of Availability, and Announcement of the Pre-Hearing Conferences and Public Hearings
January 17, 1978	- Channel 13 (ABC Affiliate) News Coverage of Summary Report, and its Availability (6:00 p.m. and 10:00 p.m. News Coverage)
January 17, 1978	- 760 Summary Reports Mailed to 208 Areawide Planning Advisory Committee, H-GAC Executive Committee, San Jacinto River Authority Board of Directors and Planning Advisory Committee, 208 Technical Advisory Committee and Citizens Advisory Group, Elected Officials in the 208 Area, Major Agencies and Entities in 208 Area, and 208 Depositories
January 18, 1978	- 208 Article appears in The Houston Chronicle
January 18, 1978	- Presentation of 208 Summary of Findings/Recommendations during Small Cities Seminar (2 H-GAC, 25 participants)
January 18, 1978	- Houston Chamber of Commerce Environmental Committee met to review and discuss 208 Summary Report
January 19, 1978	- Clear Creek Basin Authority Board of Directors met to review and discuss 208 Summary Report
January 23, 1978	- Feature Article on APAC Member appears in Pasadena Citizen
January 23, 1978	- Coordination Meeting with Director, Austin County Soil and Water Conservation District (2 H-GAC, 1:30 p.m.)
January 24, 1978	- News Release on Public Hearings, Results and Recommendations Out
January 24, 1978	- Staff (3) Participation in American Institute of Planners (AIP) noon luncheon welcoming new Mayor, City of Houston--Announcement of Availability of Summary Report, and Announcement of Pre-Hearing Conferences and Public Hearings
January 26, 1978	- H-GAC/TDWR, District 7 Coordination Meeting (10:30 a.m.--1 H-GAC, 4 TDWR, Deer Park)

January 26, 1978	- H-GAC/Harris County Pollution Control Department Co-ordination Meeting (2:00 p.m.--1 H-GAC, 4 Harris County, Pasadena)
January 26, 1978	- San Jacinto River Authority Board Meeting to review and discuss 208 Summary Report (2:00 p.m., Conroe)
January 27, 1978	- 208 Article appears in the Clear Lake Citizen
January 27, 1978	- H-GAC/City of Houston Coordination Meeting to discuss 208 Summary Report (3 H-GAC, 3 City of Houston, 9:00 a.m.)
January 27, 1978	- H-GAC/City of Houston Health Department Coordination Meeging to discuss 208 Summary Report (1:30 p.m.--3 H-GAC, 1 City of Houston)
January 27, 1978	- H-GAC Annual Meeting--Presentation by Governor Dolph Briscoe on status of H-GAC's 208 Planning Program (6:30 p.m.--400+ participants)
January 30, 1978	- 208 Article appears in The Galveston Daily News, Page 5-A
February, 1978	- 208 Announcement appears in Citizen's Environmental Coalition Newsletter
February 1, 1978	- 208 Article appears on front page, North Suburbia Report
February 1-3, 1978	- Staff (1) participation in States Conference on Water Quality, Denver
February 2, 1978	- Pre-Hearing Conference to discuss Findings/Recommendations (2:00 p.m.--5 H-GAC, 36 participants)
February 3, 1978	- H-GAC/TDWR Coordination Meeting (all morning--1 H-GAC, 4 TDWR, Austin)
February 4, 1978	- Pre-Hearing Conference to discuss Findings/Recommendations (9:30 a.m.--10 participants)
February 6, 1978	- "Tomorrow's Water" shown by CAG Member to Lockwood, Andrews & Newnam Consultants Environmental Department (noon luncheon--21 participants)
February 7, 1978	- 208 Article appears in The Houston Post, Page 8D
February 7, 1978	- Public Hearing on 208 Findings/Recommendations, Lake Houston Subbasin (7:00 p.m.--5 H-GAC, 38 participants, North Harris County Community College)
February 8, 1978	- Public Hearing on 208 Findings/Recommendations, Clear Lake Subbasin (7:00 p.m.--5 H-GAC, 35 participants, League City Civic Center)
February 9, 1978	- "Tomorrow's Water" shown by CAG Member to Lockwood, Andrews & Newnam Consultant employees during luncheon
February 9, 1978	- Public Hearing on 208 Findings/Recommendations, Houston Ship Channel Subbasin (2:00 p.m.--5 H-GAC, 48 participants)
February 9, 1978	- Public Hearing on 208 Findings/Recommendations, Entire Geographical Area and Wrap-up (7:00 p.m.--5 H-GAC, 31 participants, H-GAC Offices)
February 10, 1978	- 208 Article appears in The Houston Post
February 10, 1978	- 208 Findings/Recommendations Presentation to Houston Chamber of Commerce Flood Control and Drainage Committee (noon luncheon--1 H-GAC, 33 participants)
February 13, 1978	- H-GAC/City of Houston Coordination Meeting to discuss Water Quality Council (2:00 p.m.--3 H-GAC, 4 City)
February 15, 1978	- KPFT Radio Program, "Embrace the Earth"--8:00 p.m. to 10:00 p.m. live, call in on 208 Plan Recommendations

February 16, 1978	- Areawide Planning Advisory Committee Meeting
February 20, 1978	- Staff (4) Interview by Centaur Management on Implementation Requirements
February 21, 1978	- H-GAC Executive Committee Meeting--approved Alternative Technical Subplans, Alternative Management Systems, Initial Plan Recommendations, and related Public Record for submittal to the State for certification
February 22, 1978	- H-GAC/City of Houston Coordination Meeting to discuss monitoring and enforcement (2:00 p.m.--2 H-GAC, 4 City)
February 23, 1978	- Water Quality Council Task Force Meeting (10:30 p.m.--3 H-GAC, 9 participants)
February 28, 1978	- Areawide Planning Advisory Committee Meeting
March 1, 1978	- H-GAC/City of Houston Coordination Meeting to discuss Water Quality Council (all afternoon--1 H-GAC, 2 City)
March 2, 1978	- Water Quality Council Task Force Meeting (9:00 a.m.--3 H-GAC, 8 participants)
March 8, 1978	- Technical Advisory Committee Meeting for review of Impact Assessment (1:30 p.m.)
March 9, 1978	- Citizens Advisory Group Impact Assessment Subcommittee Meeting (6:30 p.m.)
March 9, 1978	- Citizens Advisory Group Meeting to review Impact Assessment (7:30 p.m.)
March 13, 1978	- Posted Legal Notice of April 12, 1978 Public Hearing in The Houston Chronicle and The Houston Post, Legal Notices Section
March 20, 1978	- TDWR/H-GAC Coordination Meeting (all afternoon--2 TDWR, 3 H-GAC)
March 20, 1978	- Areawide Planning Advisory Committee Meeting to discuss Plan Summary (4:00 p.m.)
March 21, 1978	- Presentation of Final Plan Recommendations and Impact Assessment to H-GAC Executive Committee (9:30 a.m.)
March 27, 1978	- TDWR/H-GAC Coordination Meeting to discuss Implementation Requirements (all day--2 TDWR, 4 H-GAC, 2 Implementation Requirements Consultants)
March 28, 1978	- Areawide Planning Advisory Committee Meeting (4:00 p.m.
March 31, 1978	- H-GAC/Houston Chamber of Commerce Coordination Meeting to discuss Water Quality Council (1:30 p.m.--3 H-GAC, 4 Chamber of Commerce, 3 APAC Members)
April 1, 1978	- KTRH Radio Program, "CEC Update"--Final Plan Recommendations and Announcement of Public Hearing (8:00 p.m. to 8:20 p.m.)
April 3, 1978	- H-GAC/City of Houston Coordination Meeting to discuss Implementation Requirements (all afternoon--3 H-GAC, 8 City of Houston, 1 APAC)
April 4, 1978	- Presentation to Chamber of Commerce Executive Committee (noon--1 H-GAC, 1 H-GAC Executive Committee Member)
April 5, 1978	- Technical Advisory Committee Meeting to discuss Implementation Requirements (2:00 p.m.)
April 6, 1978	- Presentation on the Overview of the EPA 208 Program at Rice University sponsored by the Environmental Science and Engineering Department (3:00 p.m.--1 H-GAC)

April 11, 1978	- Presentation on Financing and Creating Management Agencies at 208 Workshop in Dallas (2 H-GAC, all day)
April 12, 1978	- Public Hearing on Areawide Waste Treatment Management Plan and related Impact Assessment (2:00 p.m.--98 attendees, 32 testimonies)
April 13, 1978	- H-GAC/City of Houston Coordination Meeting (4:30 p.m.--1 H-GAC, 4 City of Houston)
April 14, 1978	- Areawide Planning Advisory Committee Meeting to discuss final recommendations to the H-GAC Executive Committee
April 14, 1978	- EPA/TDWR/H-GAC Coordination Meeting to discuss Implementation Requirements (4:30 p.m.--2 EPA, 2 TDWR, 2 Implementation Requirements Consultants)
April 18, 1978	- H-GAC Executive Committee Meeting--approval of Greater Houston Areawide Waste Treatment Management Plan, Implementation Requirements, related Impact Assessment, and related Public Record for submittal to the State for certification.
April 20, 1978	- TDWR/H-GAC Coordination Meeting to discuss 208 and the Continuing Planning Process
April 20, 1978	- Areawide Waste Treatment Management Plan For The Greater Houston Area and related documents submitted for State certification

APPENDIX C

A RESOLUTION

APPROVING THE HOUSTON AREAWIDE WASTE TREATMENT MANAGEMENT PLAN AND THE PUBLIC RECORD FOR SUBMITTAL TO THE TEXAS DEPARTMENT OF WATER RESOURCES FOR THE PURPOSE OF MEETING STATE CERTIFICATION REQUIREMENTS.

WHEREAS, the Houston-Galveston Area Council was designated on April 22, 1975 by the Governor of the State of Texas to prepare an Areawide Waste Treatment Management Plan for the Greater Houston Area under the provisions of Section 208 of the Federal Water Pollution Control Act Amendments of 1972.

WHEREAS, the Houston-Galveston Area Council vigorously pursued development of this plan with a grant from the U. S. Environmental Protection Agency and performed the planning activities in accordance with the Federal and State laws, regulations, and guidance documents.

WHEREAS, all planning documents have been prepared with inputs from the public and have been made available to interested participants.

WHEREAS, a public hearing was held on April 12, 1978, concerning recommendations, implementation requirements, and impact assessment.

WHEREAS, public hearing testimony generally supported the planning process; technical recommendations; and management recommendations for regulatory/compliance, planning, wastewater treatment operations and nonpoint source functions, but evidenced concern about the requirements, authority, and effectiveness of a Water Quality Council proposed for local coordination.

WHEREAS, the Houston Areawide Planning Advisory Committee, which was appointed by the Governor to advise his office as well as the Houston-Galveston Area Council, passed a Resolution on April 14, 1978 making a favorable recommendation to the H-GAC Executive Committee regarding submittal of the initial 208 plan to the Texas Department of Water Resources and that the plan should retain the concept of a coordinating entity such as the Water Quality Council for further evaluation and study.

NOW, THEREFORE BE IT RESOLVED BY THE HOUSTON-GALVESTON AREA COUNCIL EXECUTIVE COMMITTEE:

Section 1 THAT, the Implementation Requirements Report, Impact Assessment Report, Public Participation Summary, and the Public Record for the Houston Areawide Waste Treatment Management Plan be approved for submittal to the Texas Department of Water Resources for the purpose of meeting State certification requirements.

Section 2 THAT, the concept of a coordinating entity such as the Water Quality Council be retained in the plan subject to the same provisions as those cited in the Resolution passed by the Houston Areawide Planning Advisory Committee, and its details be returned to the Executive Committee of the Houston-Galveston Area Council for final approval.

PASSED AND APPROVED THIS 18th DAY OF APRIL, 1978, at a regular, duly called meeting of the Executive Committee of the Houston-Galveston Area Council.

APPROVED:

Tom Bass

Tom Bass
President

Attest:

B. Babovec

Benjamin Babovec
Secretary-Treasurer

A RESOLUTION

RECOMMENDING TO THE EXECUTIVE COMMITTEE OF THE HOSUTON-GALVESTON AREA COUNCIL APPROVAL OF THE AREAWIDE WASTE TREATMENT MANAGEMENT PLAN FOR THE GREATER HOUSTON AREA.

WHEREAS, the Houston-Galveston Area Council was designated on April 22, 1975 by the Governor of the State of Texas to prepare an Areawide Waste Treatment Management Plan for the Greater Houston Area under the provisions of Section 208 of the Federal Water Pollution Control Act Amendments of 1972;

WHEREAS, regulations called for the formation of an Areawide Planning Advisory Committee which was duly appointed by the Governor, for the purpose of advising his office as well as the planning agency throughout 208 program development;

WHEREAS, the Areawide Planning Advisory Committee is the focus of the public participation process and is charged with review and comment on all plan outputs;

WHEREAS, The Areawide Planning Advisory Committee has met regularly to fulfill these duties as charged;

WHEREAS, public participation efforts of the Areawide Planning Advisory Committee have been further supplemented by the Houston-Galveston Area Council by operating an open process to gain inputs from the public throughout program development;

WHEREAS, alternatives and recommendations for meeting both technical and management requirements of Section 208 were prepared by the Houston-Galveston Area Council and presented in a publication entitled, "Summary Report, Areawide Waste Treatment Management Plan for the Greater Houston Area, December, 1977";

WHEREAS, public hearings held in February 1978 on alternatives/recommendations resulted in generally supportive testimony;

WHEREAS, final recommendations were then formulated and detailed in the Implementation Requirements Report; the Impact Assessment Report was completed; and highlights of each were presented in a report entitled "Areawide Waste Treatment Management Plan for the Greater Houston Area, Summary, March, 1978";

WHEREAS, all supporting documents were routinely reviewed by the Areawide Planning Advisory Committee and were made available to interested participants;

WHEREAS, a public hearing was held on April 12, 1978 concerning the recommendations, implementation requirements, and impact assessment in full accordance with Federal and State laws and regulations;

WHEREAS, the public hearing resulted in testimony generally supportive of the planning process, technical recommendations and management recommendations for regulatory/compliance, planning, wastewater treatment operations and nonpoint source functions;

WHEREAS, substantial portions of the testimony were directed toward the requirements, authority, and effectiveness of the Water Quality Council proposed for local coordination:

NOW, THEREFORE, BE IT RESOLVED BY THE HOUSTON AREAWIDE PLANNING ADVISORY COMMITTEE:

Section 1 THAT, the planning process has been duly served in developing the Areawide Waste Treatment Management Plan for the Greater Houston Area.

Section 2 THAT, a favorable recommendation be made by the Areawide Planning Advisory Committee to the Houston-Galveston Area Council Executive Committee concerning submittal of the Implementation Requirements Report, Impact Assessment Report, Public Participation Summary, and Plan Summary March, 1978 along with the Public Record to the Texas Department of Water Resources for the purpose of fulfilling required State certification procedures.

Section 3 THAT, the concept of a management coordination entity such as the Water Quality Council should be retained in the plan subject to the following provisions:

(a) Further study should include comprehensive evaluation of the efficacy of a water quality council including related authority, agreements, procedures, responsibilities, and accountability.

(b) Further study should address management agency representation on a water quality council in accordance with the financial risk of such agencies.

(c) Until such time that the establishment of a water quality council receives general concurrence and becomes operational, the Texas Department of Water Resources will have the responsibility for coordination of water quality actions in the 208 area

PASSED AND APPROVED THIS 14th day of April, 1978, at a special meeting of the Houston Areawide Planning Advisory Committee.

APPROVED:

Joe P. Teller, Vice-Chairman
Houston Areawide Planning Advisory Committee

April 10, 1978

TO : Areawide Planning Advisory Committee

FROM : Vice-chairman of the TAC

SUBJECT : Implementation Requirements Report

Members of the TAC met on Wednesday, April 5, 1978 to review the report on Implementation Requirements. A revised draft of this report was given to each member in attendance and the changes from the previous draft were pointed out and discussed. Further changes were proposed, discussed and agreed upon.

Overall, the technical aspects of this report and its organization were satisfactory to the members of the TAC present. Apart from the technical requirements, policy matters, such as the formation ofthe Water Quality Council, were not discussed, criticised, nor endorsed. This approach by the TAC should not be taken as either rejection or acceptance of the policy matters present in this report.

in great detail
www

W. W. Wright

W. W. Wright, Vice-chairman
Technical Advisory Committee

STATEMENT FOR PUBLIC HEARING APRIL 12, 1978

CITIZENS ADVISORY GROUP

GREATER HOUSTON AREA SECTION 208 PLANNING

The Citizens Advisory Group wishes to express our compliments and thanks to the HGAC staff for persevering throughout this lengthy planning program, for providing support to broad public participation and for supporting the operation of the Citizens Advisory Group. We believe that the efforts of the staff contributed materially to the success of the concept of an open citizens group where individuals could engage in free discussion of water quality issues. We congratulate and thank the staff for their cooperation and support.

1. We endorse the concept of water quality management planning and the goal of fishable and swimmable waters for all of our streams and urge that the planning process be continued.

2. The Citizens Advisory Group supports the formation of a Water Quality Council and reiterates the principle that a majority of the representatives to this council be elected officials to insure accountability to the public. Further we strongly suggest that this council be strengthened to include management capabilities and authority. We also urge that the 7-member task force currently developing the Water Quality Council concept be expanded to include a wider representation of the residents of the greater Houston 208 area.

3. One of the principal findings during the planning process was a lack of adequate data for proper water quality management. We concur with the high priority recommended in the plan for the immediate acquistion of the needed information.

4. Finally we believe that the public participation program has provided a beneficial contribution to the planning process. We strongly endorse the recommendation for a continuing planning process which includes a substantial opportunity for citizen input. We also believe that the proposed Water Quality Council must include citizen input mechanisms such as the Citizens Advisory Group. In line with this we suggest that page 20, Paragraph 2, line 5, be amended to replace "a CAG <u>should</u> be established," with "a CAG <u>will</u> be established."

Thank you,

R. L. Runnels
Chairperson
Citizens Advisory Group

A RESOLUTION

APPROVING THE HOUSTON AREAWIDE WASTE TREATMENT MANAGEMENT PLAN ALTERNATIVES, INITIAL RECOMMENDATIONS AND THE PUBLIC RECORD FOR SUBMITTAL TO THE TEXAS DEPARTMENT OF WATER RESOURCES FOR THE PURPOSE OF MEETING STATE CERTIFICATION REQUIREMENTS.

WHEREAS, the Houston-Galveston Area Council was designated on April 22, 1975 by the Governor of the State of Texas to prepare an Areawide Waste Treatment Management Plan for the Greater Houston Area under the provisions of Section 208 of the Federal Water Pollution Control Act Amendments of 1972.

WHEREAS, the Houston-Galveston Area Council vigorously pursued development of this plan with a grant from the U. S. Environmental Protection Agency and performed the planning activities in accordance with the Federal and State laws, regulations, and guidance documents.

WHEREAS, all planning documents have been prepared with the inputs from the public and have been made available to all interested participants.

WHEREAS, alternatives and recommendations for meeting both technical and management requirements of Section 208 were prepared by the Houston-Galveston Area Council and presented in a publication entitled, "Summary Report, Areawide Waste Treatment Management Plan for the Greater Houston Area, December, 1977."

WHEREAS, public hearings were held on February 7,8, and 9, 1978, which resulted in testimony generally supportive of the planning process and alternatives/ recommendations presented.

WHEREAS, the Houston Areawide Planning Advisory Committee, which was appointed by the Governor to advise his office as well as the Houston-Galveston Area Council, passed a Resolution on February 16, 1978 making a favorable recommendation to the H-GAC Executive Committee regarding submittal of the initial 208 plan to the Texas Department of Water Resources.

NOW, THEREFORE BE IT RESOLVED BY THE HOUSTON-GALVESTON AREA COUNCIL EXECUTIVE COMMITTEE THAT the Alternative Technical Subplans Report, the Alternative Management Systems Report, the Summary Report of Alternatives/Recommendations for the Houston 208 Area, and the Public Record be approved for submittal as an interim output to the Texas Department of Water Resources for the purpose of meeting State certification requirements.

PASSED AND APPROVED THIS 21st DAY OF FEBRUARY, 1978, at a regular, duly called meeting of the Executive Committee of the Houston-Galveston Area Council.

APPROVED:

Tom Bass
President

Attest:

Benjamin Babovec
Secretary-Treasurer

A RESOLUTION

RECOMMENDING TO THE EXECUTIVE COMMITTEE OF THE HOUSTON-GALVESTON AREA COUNCIL APPROVAL OF THE ALTERNATIVES AND INITIAL RECOMMENDATIONS PREPARED FOR THE AREAWIDE WASTE TREATMENT MANAGEMENT PLAN FOR THE GREATER HOUSTON AREA.

WHEREAS, the Houston-Galveston Area Council was designated on April 22, 1975 by the Governor of the State of Texas to prepare an Areawide Waste Treatment Management Plan for the Greater Houston Area under the provisions of Section 208 of the Federal Water Pollution Control Act Amendments of 1972;

WHEREAS, regulations called for the formation of an Areawide Planning Advisory Committee which was duly appointed by the Governor, for the purpose of advising his office as well as the planning agency throughout 208 program development;

WHEREAS, the Areawide Planning Advisory Committee is the focus of the public participation process and is charged with review and comment on all plan outputs.

WHEREAS, the Areawide Planning Advisory Committee has met regularly to fulfill these duties as charged;

WHEREAS, public participation efforts of the Areawide Planning Advisory Committee have been further supplemented by the Houston-Galveston Area Council by operating an open process to gain inputs from the public throughout program development;

WHEREAS, alternatives and recommendations for meeting both technical and management requirements of Section 208 were prepared by the Houston-Galveston Area Council and presented in a publication entitled, "Summary Report, Areawide Waste Treatment Management Plan for the Greater Houston Area, December, 1977";

WHEREAS, all supporting documents were routinely reviewed by the Areawide Planning Advisory Committee and were made available to all interested participants;

WHEREAS, public hearings were held on February 7, 8, and 9, 1978 concerning the alternatives and recommendations, in full accordance with Federal and State laws and regulations, and;

WHEREAS, the public hearings resulted in testimony generally supportive of the planning process and the alternatives/recommendations presented;

NOW, THEREFORE BE IT RESOLVED BY THE HOUSTON AREAWIDE PLANNING ADVISORY COMMITTEE:

Section 1 THAT, to date, the planning process has been duly served in developing alternatives and recommendations for meeting Houston Area 208 program requirements.

Section 2 THAT, a favorable recommendation be made by the APAC to the Houston-Galveston Area Council Executive Committee concerning submittal of the Alternative Technical Subplans Report, the Alternative Management Systems Report and the Summary Report of Alternatives/Recommendations along with the Public Record to the Texas Department of Water Resources for the purpose of fulfilling required State certification procedures.

Section 3 THAT, the final plan to be submitted to the State prior to April 22, 1978, include consideration of the following points:

(a) A clear statement that technical recommendations are subject to change as data are refined and verified.

(b) The understanding that where specific methods of achieving stream standards are recommended, alternate methods of achieving the desired results will be acceptable.

(c) A recommendation to the Texas Department of Water Resources that Armand Bayou be classified as a stream segment.

(d) During the plan update phase, the desirability of classifying other area streams and bayous will continue to be evaluated.

(e) The Texas Department of Water Resources immediately initiate a study leading to review of phosphorous removal requirements for Clear Lake, Clear Creek, and Dickinson Bayou (tidal) in light of 208 technical findings.

(f) Plan implementation should provide for further study of heavy metals, chlorinated hydrocarbons and other toxic materials.

(g) Assignment of high priority to updating population and land use estimates and projections.

(h) Recommendation to expand the designated 208 planning area to include the entirety of the San Jacinto Watershed within the Houston-Galveston Area Council's planning jurisdiction.

Section 4 THAT, a task force be appointed to outline the specifics of the Water Quality Council with a timetable for completion. In the interim, the public participation program will be continued along with coordination activities of the Texas Department of Water Resources and involvement by the Houston Areawide Planning Advisory Committee.

PASSED AND APPROVED THIS 16th day of February, 1978, at a special meeting of the Houston Areawide Planning Advisory Committee.

APPROVED:

Joe P. Teller

Joe P. Teller, Vice-Chairman
Houston Areawide Planning Advisory Committee

CITIZENS ADVISORY GROUP

Areawide Waste Treatment Management Planning

Statement for public hearing on Summary Report February 9, 1978.

The Summary Report has been reviewed and found to be a reasonably complete and fair summary of the "208" planning program to date.

We strongly endorse all of the General Findings and Recommendations, and feel that these items are essential to a successful "208" plan. We would like to emphasize that in our view these recommendations represent the minimum level of activity that will accomplish the goals of the "208" planning program and improvement of water quality in the Houston area. Any dilution of these findings and recommendations will surely jeapordize the success of water quality improvement efforts.

In addition, we believe that the proposed Water Quality Council, which will be further defined during the implementation phase, must include additional criteria to assure public accountability of its actions. First, the majority of its voting members should be elected officials from within the designated "208" area. Second, the procedures of the Water Quality Council should follow those specified in the Texas Open Records Act and similar legislation to insure that council meetings are open to the public and suitably announced, and that their records are available to citizens interested in them. One of the major concerns of the Citizens Advisory Group, as expressed in the Goals and Objectives document, is that policy making bodies must be responsive to citizens' interests, and this cannot be insured unless these recommendations or similar ones are followed.

We have reviewed all of the finds for each of the three sub-basins and find them all to be important to the completeness of the plan. We suggest, however, that the recommendation associated with statement number five under Clear Creek/Clear Lake/Dickinson Bayou be changed to read: STUDY THE IMPACT OF POINT AND NONPOINT SOURCE DISCHARGES ON EUTROPHICATION IN CLEAR CREEK AND CLEAR LAKE WITH A VIEW TOWARD REVISING PHOSPHOROUS REMOVAL REQUIREMENTS.

We recognize that there may be legitimate debate on some of the technical findings and recommendations. However, it should be emphasized that they are the result of considerable study and analysis of the water quality problems in each area by members of the H-GAC staff, the technical community, and members of the Citizens Advisory Group, and are believed to be the best approach toward reaching optimal levels of water quality in the Houston area.

R. L. Runnels, Chairperson
Citizens Advisory Group